

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021424\
 Data File : VN081019.D
 Acq On : 14 Feb 2024 12:14
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2024
 Supervised By : Mahesh Dadoda 02/15/2024

Quant Time: Feb 15 07:36:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:35:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	628312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	1113140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	955116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	347305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	375601	48.600	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.200%		
35) Dibromofluoromethane	8.165	113	313265	49.084	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.160%		
50) Toluene-d8	10.570	98	1112995	49.448	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.900%		
62) 4-Bromofluorobenzene	12.853	95	372975	48.722	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	439755	54.572	ug/l	95
3) Chloromethane	2.365	50	475129	48.855	ug/l	94
4) Vinyl Chloride	2.518	62	419845	49.609	ug/l	96
5) Bromomethane	2.947	94	214999	50.351	ug/l	96
6) Chloroethane	3.118	64	259597	47.709	ug/l	98
7) Trichlorofluoromethane	3.494	101	574596	48.235	ug/l	100
8) Diethyl Ether	3.953	74	239274	50.662	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.365	101	352198	50.100	ug/l #	89
10) Methyl Iodide	4.589	142	371205	51.997	ug/l	97
11) Tert butyl alcohol	5.512	59	337504	243.461	ug/l	99
12) 1,1-Dichloroethene	4.341	96	352562	51.485	ug/l	96
13) Acrolein	4.177	56	270785	245.295	ug/l	99
14) Allyl chloride	5.018	41	519572	46.589	ug/l	95
15) Acrylonitrile	5.718	53	874326	246.257	ug/l	96
16) Acetone	4.424	43	698763	230.966	ug/l	99
17) Carbon Disulfide	4.712	76	960566	48.413	ug/l	97
18) Methyl Acetate	5.018	43	385140	48.334	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	1189552	49.783	ug/l	98
20) Methylene Chloride	5.271	84	383119	48.617	ug/l	91
21) trans-1,2-Dichloroethene	5.788	96	367815	48.856	ug/l	96
22) Diisopropyl ether	6.671	45	1216832	49.885	ug/l	96
23) Vinyl Acetate	6.600	43	4984938	253.601	ug/l #	94
24) 1,1-Dichloroethane	6.565	63	681106	50.072	ug/l	96
25) 2-Butanone	7.477	43	1170393	238.294	ug/l	98
26) 2,2-Dichloropropane	7.488	77	642471	51.320	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	428366	49.233	ug/l	92
28) Bromochloromethane	7.818	49	264156	48.102	ug/l #	70
29) Tetrahydrofuran	7.835	42	769939	243.920	ug/l #	88
30) Chloroform	7.965	83	711904	48.767	ug/l	98
31) Cyclohexane	8.253	56	617937	46.026	ug/l #	83
32) 1,1,1-Trichloroethane	8.165	97	641344	49.754	ug/l	93
36) 1,1-Dichloropropene	8.371	75	540634	50.770	ug/l	97
37) Ethyl Acetate	7.553	43	489933	50.296	ug/l	99
38) Carbon Tetrachloride	8.359	117	422089	54.153	ug/l	96
39) Methylcyclohexane	9.600	83	674572	51.491	ug/l	91
40) Benzene	8.606	78	1559417	49.521	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021424\
 Data File : VN081019.D
 Acq On : 14 Feb 2024 12:14
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2024
 Supervised By : Mahesh Dadoda 02/15/2024

Quant Time: Feb 15 07:36:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:35:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	291336	49.269	ug/l	97
42) 1,2-Dichloroethane	8.671	62	554639	49.620	ug/l	100
43) Isopropyl Acetate	8.688	43	891879	48.870	ug/l	97
44) Trichloroethene	9.353	130	457856	49.090	ug/l	93
45) 1,2-Dichloropropane	9.623	63	397009	50.966	ug/l	99
46) Dibromomethane	9.712	93	273003	49.651	ug/l #	91
47) Bromodichloromethane	9.888	83	557578	51.742	ug/l #	94
48) Methyl methacrylate	9.682	41	420595	48.949	ug/l	92
49) 1,4-Dioxane	9.694	88	154898	1056.263	ug/l #	70
51) 4-Methyl-2-Pentanone	10.447	43	2533800	248.953	ug/l	96
52) Toluene	10.629	92	983036	49.975	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	648413	51.073	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	678656	50.545	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	374391	50.614	ug/l	95
56) Ethyl methacrylate	10.876	69	622059	51.360	ug/l	91
57) 1,3-Dichloropropane	11.165	76	671685	50.830	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	1523930	253.575	ug/l #	89
59) 2-Hexanone	11.194	43	1864421	249.429	ug/l	96
60) Dibromochloromethane	11.359	129	368410	52.377	ug/l	97
61) 1,2-Dibromoethane	11.470	107	389581	50.089	ug/l	97
64) Tetrachloroethene	11.106	164	491179	50.444	ug/l	89
65) Chlorobenzene	11.894	112	1003095	50.085	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	346390	50.236	ug/l	98
67) Ethyl Benzene	11.965	91	1932182	51.173	ug/l	98
68) m/p-Xylenes	12.070	106	1410290	101.285	ug/l	100
69) o-Xylene	12.400	106	679030	50.282	ug/l	100
70) Styrene	12.412	104	1092068	50.739	ug/l	99
71) Bromoform	12.576	173	184849	52.693	ug/l #	96
73) Isopropylbenzene	12.694	105	1776450	50.625	ug/l	99
74) N-amyl acetate	12.494	43	786884	48.742	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	423909	49.219	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	382134m	50.650	ug/l	
77) Bromobenzene	12.982	156	345638	48.631	ug/l	80
78) n-propylbenzene	13.035	91	2038704	50.915	ug/l	97
79) 2-Chlorotoluene	13.129	91	1145596	49.535	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	1355237	49.780	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	164730	49.969	ug/l #	79
82) 4-Chlorotoluene	13.223	91	1108806	49.613	ug/l	98
83) tert-Butylbenzene	13.441	119	1152634	49.441	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	1306992	49.827	ug/l	98
85) sec-Butylbenzene	13.617	105	1647505	51.511	ug/l	95
86) p-Isopropyltoluene	13.729	119	1317560	51.227	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	602492	49.850	ug/l	95
88) 1,4-Dichlorobenzene	13.811	146	603482	48.326	ug/l	98
89) n-Butylbenzene	14.059	91	1169378	49.669	ug/l	98
90) Hexachloroethane	14.335	117	25338	49.622	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	582286	49.699	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	84784	48.321	ug/l	75
93) 1,2,4-Trichlorobenzene	15.394	180	365021	52.005	ug/l	99
94) Hexachlorobutadiene	15.500	225	150710	51.916	ug/l	93
95) Naphthalene	15.641	128	1266207	50.707	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	357046	51.909	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021424\
Data File : VN081019.D
Acq On : 14 Feb 2024 12:14
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

Quant Time: Feb 15 07:36:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 07:35:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021424\
Data File : VN081019.D
Acq On : 14 Feb 2024 12:14
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Quant Time: Feb 15 07:36:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 07:35:29 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

