

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061923\
 Data File : VN078295.D
 Acq On : 19 Jun 2023 21:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2023
 Supervised By : Mahesh Dadoda 06/22/2023

Quant Time: Jun 20 01:37:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	397934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	737780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	643864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	252708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	268888	50.679	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	101.360%		
35) Dibromofluoromethane	8.177	113	226886	48.637	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.280%		
50) Toluene-d8	10.571	98	850866	47.313	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.620%		
62) 4-Bromofluorobenzene	12.853	95	272320	48.710	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	171136	38.045	ug/l	93
3) Chloromethane	2.371	50	202526	47.777	ug/l	95
4) Vinyl Chloride	2.518	62	268921	45.655	ug/l	100
5) Bromomethane	2.948	94	202996	45.602	ug/l	99
6) Chloroethane	3.118	64	202731	50.489	ug/l	96
7) Trichlorofluoromethane	3.501	101	357285	44.730	ug/l	100
8) Diethyl Ether	3.971	74	126520	45.080	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.383	101	196766	46.677	ug/l	98
10) Methyl Iodide	4.595	142	273544	45.885	ug/l	95
11) Tert butyl alcohol	5.536	59	174644	238.388	ug/l	97
12) 1,1-Dichloroethene	4.348	96	188005	43.265	ug/l	86
13) Acrolein	4.189	56	232361	287.780	ug/l	95
14) Allyl chloride	5.030	41	244286	46.053	ug/l	92
15) Acrylonitrile	5.730	53	506520	268.175	ug/l	99
16) Acetone	4.436	43	384563	251.814	ug/l	97
17) Carbon Disulfide	4.718	76	439190	39.267	ug/l	100
18) Methyl Acetate	5.036	43	357963	50.912	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	689165	49.707	ug/l	98
20) Methylene Chloride	5.283	84	228760	45.330	ug/l	93
21) trans-1,2-Dichloroethene	5.800	96	207119	44.192	ug/l	85
22) Diisopropyl ether	6.683	45	659120	52.825	ug/l #	93
23) Vinyl Acetate	6.618	43	1963351	264.706	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	410718	49.899	ug/l	99
25) 2-Butanone	7.494	43	620284	264.124	ug/l	88
26) 2,2-Dichloropropane	7.500	77	265550	43.693	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	260947	46.677	ug/l	96
28) Bromochloromethane	7.824	49	203003	53.716	ug/l	91
29) Tetrahydrofuran	7.847	42	411601	262.173	ug/l	85
30) Chloroform	7.977	83	455184	51.356	ug/l	93
31) Cyclohexane	8.265	56	279526	41.071	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	398016	51.150	ug/l	97
36) 1,1-Dichloropropene	8.377	75	313344	46.829	ug/l	97
37) Ethyl Acetate	7.571	43	266652	51.013	ug/l #	94
38) Carbon Tetrachloride	8.371	117	336061	47.565	ug/l	98
39) Methylcyclohexane	9.606	83	244548	35.266	ug/l	94
40) Benzene	8.618	78	964608	48.288	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061923\
 Data File : VN078295.D
 Acq On : 19 Jun 2023 21:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2023
 Supervised By : Mahesh Dadoda 06/22/2023

Quant Time: Jun 20 01:37:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	149080	52.617	ug/l	89
42) 1,2-Dichloroethane	8.677	62	339093	49.508	ug/l	98
43) Isopropyl Acetate	8.694	43	551955	55.213	ug/l #	87
44) Trichloroethene	9.359	130	237685	45.055	ug/l	98
45) 1,2-Dichloropropane	9.630	63	248452	49.989	ug/l	94
46) Dibromomethane	9.712	93	175517	47.945	ug/l	95
47) Bromodichloromethane	9.894	83	357020	52.503	ug/l	94
48) Methyl methacrylate	9.688	41	216603	51.631	ug/l	89
49) 1,4-Dioxane	9.700	88	83969	952.311	ug/l #	90
51) 4-Methyl-2-Pentanone	10.453	43	1404476	266.798	ug/l	94
52) Toluene	10.635	92	599509	47.533	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	358580	50.633	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	392554	50.145	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	248026	51.985	ug/l	97
56) Ethyl methacrylate	10.882	69	359110	51.692	ug/l	92
57) 1,3-Dichloropropane	11.171	76	409820	50.887	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	657511	234.287	ug/l	93
59) 2-Hexanone	11.200	43	992350	270.734	ug/l	93
60) Dibromochloromethane	11.365	129	272034	52.105	ug/l	99
61) 1,2-Dibromoethane	11.477	107	247490	49.429	ug/l	99
64) Tetrachloroethene	11.112	164	179618	41.816	ug/l	99
65) Chlorobenzene	11.900	112	635022	46.054	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	251915	49.673	ug/l	98
67) Ethyl Benzene	11.971	91	1106711	46.516	ug/l	98
68) m/p-Xylenes	12.076	106	828389	91.361	ug/l	96
69) o-Xylene	12.406	106	416606	46.788	ug/l	95
70) Styrene	12.418	104	686838	48.997	ug/l	99
71) Bromoform	12.582	173	173147	52.904	ug/l #	100
73) Isopropylbenzene	12.700	105	967832	40.500	ug/l	100
74) N-amyl acetate	12.500	43	376893	47.894	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	356424	54.446	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	280249m	46.911	ug/l	
77) Bromobenzene	12.982	156	242137	43.649	ug/l	100
78) n-propylbenzene	13.041	91	1081799	41.666	ug/l	100
79) 2-Chlorotoluene	13.129	91	716009	42.723	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	784053	40.525	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	108089	55.587	ug/l	94
82) 4-Chlorotoluene	13.223	91	677818	43.335	ug/l	98
83) tert-Butylbenzene	13.447	119	650524	38.680	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	788094	42.015	ug/l	98
85) sec-Butylbenzene	13.623	105	806856	36.655	ug/l	100
86) p-Isopropyltoluene	13.735	119	667405	37.362	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	386715	41.213	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	380386	42.011	ug/l	100
89) n-Butylbenzene	14.059	91	511830	36.327	ug/l	97
90) Hexachloroethane	14.341	117	126342	39.855	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	391699	42.712	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	52758	44.572	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	119382	36.537	ug/l	98
94) Hexachlorobutadiene	15.506	225	60355	36.986	ug/l	96
95) Naphthalene	15.647	128	406230	36.960	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	135551	37.093	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061923\
Data File : VN078295.D
Acq On : 19 Jun 2023 21:51
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023

Quant Time: Jun 20 01:37:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

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

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

