

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061924\
 Data File : VN082629.D
 Acq On : 19 Jun 2024 09:58
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024

Quant Time: Jun 20 02:55:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	199387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	320547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	300982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	155535	48.644	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.280%		
35) Dibromofluoromethane	8.165	113	109859	50.520	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.040%		
50) Toluene-d8	10.571	98	423245	51.468	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.940%		
62) 4-Bromofluorobenzene	12.853	95	148436	52.356	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	104.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	124473	44.699	ug/l	98
3) Chloromethane	2.360	50	140384	42.054	ug/l	97
4) Vinyl Chloride	2.512	62	134658	42.387	ug/l	96
5) Bromomethane	2.948	94	81156	39.685	ug/l	98
6) Chloroethane	3.112	64	95468	42.143	ug/l	95
7) Trichlorofluoromethane	3.489	101	182168	43.953	ug/l	99
8) Diethyl Ether	3.959	74	61639	43.669	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	106480	45.867	ug/l	98
10) Methyl Iodide	4.583	142	109787	49.646	ug/l	97
11) Tert butyl alcohol	5.524	59	107541	205.502	ug/l	100
12) 1,1-Dichloroethene	4.336	96	95950	43.221	ug/l	92
13) Acrolein	4.177	56	93015	174.485	ug/l	95
14) Allyl chloride	5.024	41	180370	41.543	ug/l	100
15) Acrylonitrile	5.718	53	306105	221.600	ug/l	99
16) Acetone	4.430	43	287351	197.606	ug/l	99
17) Carbon Disulfide	4.712	76	291090	41.288	ug/l	99
18) Methyl Acetate	5.024	43	153343	43.115	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	352846	46.432	ug/l	98
20) Methylene Chloride	5.277	84	114046	44.609	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	104305	44.209	ug/l	99
22) Diisopropyl ether	6.671	45	429280	47.146	ug/l	96
23) Vinyl Acetate	6.606	43	1708952	236.679	ug/l	100
24) 1,1-Dichloroethane	6.571	63	224551	45.525	ug/l	99
25) 2-Butanone	7.489	43	452735	219.040	ug/l	98
26) 2,2-Dichloropropane	7.489	77	193376	45.193	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	126617	44.539	ug/l	100
28) Bromochloromethane	7.818	49	106696	47.399	ug/l	99
29) Tetrahydrofuran	7.842	42	301229	238.067	ug/l	99
30) Chloroform	7.965	83	225482	46.863	ug/l	99
31) Cyclohexane	8.259	56	199943	43.329	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	194704	44.625	ug/l	98
36) 1,1-Dichloropropene	8.371	75	157543	48.464	ug/l	99
37) Ethyl Acetate	7.565	43	181676	43.875	ug/l	100
38) Carbon Tetrachloride	8.365	117	175430	47.887	ug/l	99
39) Methylcyclohexane	9.606	83	166172	48.574	ug/l	98
40) Benzene	8.606	78	481898	47.977	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061924\
 Data File : VN082629.D
 Acq On : 19 Jun 2024 09:58
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024

Quant Time: Jun 20 02:55:05 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M

Quant Title : SW846 8260

QLast Update : Tue Jun 18 04:52:44 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	99793	47.147	ug/l	99
42) 1,2-Dichloroethane	8.671	62	184610	48.319	ug/l	99
43) Isopropyl Acetate	8.694	43	319470	41.283	ug/l	99
44) Trichloroethene	9.353	130	109284	46.855	ug/l	97
45) 1,2-Dichloropropane	9.624	63	125426	48.513	ug/l	98
46) Dibromomethane	9.712	93	85172	48.598	ug/l	98
47) Bromodichloromethane	9.888	83	181913	48.686	ug/l	96
48) Methyl methacrylate	9.683	41	152505	47.805	ug/l	98
49) 1,4-Dioxane	9.694	88	47345	948.806	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	981472	247.273	ug/l	100
52) Toluene	10.635	92	305774	50.232	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	189099	49.506	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	197167	49.916	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	112766	51.182	ug/l	96
56) Ethyl methacrylate	10.877	69	188378	51.624	ug/l	99
57) 1,3-Dichloropropane	11.165	76	201901	49.571	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	504238	261.216	ug/l	99
59) 2-Hexanone	11.194	43	737135	244.346	ug/l	100
60) Dibromochloromethane	11.359	129	135872	50.520	ug/l	99
61) 1,2-Dibromoethane	11.471	107	113359	48.800	ug/l	97
64) Tetrachloroethene	11.106	164	110697	44.606	ug/l	98
65) Chlorobenzene	11.894	112	323111	46.814	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	117445	47.720	ug/l	99
67) Ethyl Benzene	11.965	91	578801	49.216	ug/l	98
68) m/p-Xylenes	12.077	106	451432	103.179	ug/l	98
69) o-Xylene	12.400	106	210537	51.218	ug/l	98
70) Styrene	12.412	104	370703	53.135	ug/l	99
71) Bromoform	12.582	173	94945	48.795	ug/l #	99
73) Isopropylbenzene	12.700	105	542218	46.080	ug/l	100
74) N-amyl acetate	12.494	43	285252	45.423	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	161691	42.126	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	156812m	41.375	ug/l	
77) Bromobenzene	12.982	156	134188	44.304	ug/l	98
78) n-propylbenzene	13.035	91	663851	47.695	ug/l	99
79) 2-Chlorotoluene	13.129	91	396952	45.477	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	463661	48.555	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	74504	47.030	ug/l	97
82) 4-Chlorotoluene	13.224	91	405304	46.482	ug/l	100
83) tert-Butylbenzene	13.441	119	382043	46.969	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	472867	49.364	ug/l	100
85) sec-Butylbenzene	13.618	105	550993	47.696	ug/l	100
86) p-Isopropyltoluene	13.729	119	465470	50.036	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	249502	45.433	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	248362	43.268	ug/l	100
89) n-Butylbenzene	14.059	91	396911	48.100	ug/l	100
90) Hexachloroethane	14.335	117	90040	44.485	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	237132	44.224	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	35800	44.072	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	125930	44.538	ug/l	100
94) Hexachlorobutadiene	15.506	225	55994	40.165	ug/l	98
95) Naphthalene	15.641	128	404627	46.515	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	129788	45.042	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061924\
Data File : VN082629.D
Acq On : 19 Jun 2024 09:58
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

Quant Time: Jun 20 02:55:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
Response via : Initial Calibration

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

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

