

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
 Data File : VN084911.D
 Acq On : 18 Nov 2024 09:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 19 00:22:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/19/2024
 Supervised By : Mahesh Dadoda 11/19/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	168638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	277153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120987	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.571	65	122943	50.475	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.960%	
35) Dibromofluoromethane	8.165	113	96367	51.369	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.740%	
50) Toluene-d8	10.565	98	345790	50.038	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.080%	
62) 4-Bromofluorobenzene	12.847	95	127896	49.520	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.040%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.118	85	94140	48.560	ug/l	97
3) Chloromethane	2.359	50	106397	46.601	ug/l	98
4) Vinyl Chloride	2.512	62	103437	49.608	ug/l	97
5) Bromomethane	2.901	94	56086	50.768	ug/l	98
6) Chloroethane	3.065	64	69564	54.008	ug/l	98
7) Trichlorofluoromethane	3.465	101	176382	51.352	ug/l	97
8) Diethyl Ether	3.953	74	63015	52.008	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	102681	52.906	ug/l	99
10) Methyl Iodide	4.577	142	135583	52.270	ug/l	94
11) Tert butyl alcohol	5.542	59	79448	247.112	ug/l #	88
12) 1,1-Dichloroethene	4.324	96	93815	48.851	ug/l	96
13) Acrolein	4.171	56	77585	242.002	ug/l	98
14) Allyl chloride	5.012	41	156216	50.158	ug/l	93
15) Acrylonitrile	5.712	53	254739	273.694	ug/l	99
16) Acetone	4.424	43	217186	309.363	ug/l	100
17) Carbon Disulfide	4.695	76	257155	43.482	ug/l	99
18) Methyl Acetate	5.018	43	133018	51.908	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	321920	54.690	ug/l	99
20) Methylene Chloride	5.271	84	108903	50.836	ug/l	89
21) trans-1,2-Dichloroethene	5.777	96	97942	49.667	ug/l	96
22) Diisopropyl ether	6.671	45	336088	54.309	ug/l	98
23) Vinyl Acetate	6.594	43	1199542	281.078	ug/l	100
24) 1,1-Dichloroethane	6.559	63	194999	52.484	ug/l	98
25) 2-Butanone	7.483	43	337139	296.690	ug/l	99
26) 2,2-Dichloropropane	7.483	77	181782	56.214	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	122088	53.023	ug/l	96
28) Bromochloromethane	7.806	49	83372	56.322	ug/l	95
29) Tetrahydrofuran	7.836	42	215923	286.423	ug/l	96
30) Chloroform	7.959	83	201727	53.344	ug/l	96
31) Cyclohexane	8.253	56	161905	48.147	ug/l	98
32) 1,1,1-Trichloroethane	8.159	97	184581	53.627	ug/l	98
36) 1,1-Dichloropropene	8.365	75	135635	52.132	ug/l	99
37) Ethyl Acetate	7.559	43	135552	57.424	ug/l	98
38) Carbon Tetrachloride	8.359	117	158591	54.534	ug/l	98
39) Methylcyclohexane	9.594	83	145438	54.948	ug/l	98
40) Benzene	8.600	78	439334	52.580	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
 Data File : VN084911.D
 Acq On : 18 Nov 2024 09:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/19/2024
 Supervised By : Mahesh Dadoda 11/19/2024

Quant Time: Nov 19 00:22:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	72719	57.286	ug/l	96
42) 1,2-Dichloroethane	8.671	62	147319	54.442	ug/l	100
43) Isopropyl Acetate	8.688	43	235029	53.970	ug/l	99
44) Trichloroethene	9.347	130	97336	50.512	ug/l	99
45) 1,2-Dichloropropane	9.618	63	105711	53.933	ug/l	99
46) Dibromomethane	9.706	93	75555	54.629	ug/l	98
47) Bromodichloromethane	9.883	83	160196	54.948	ug/l	97
48) Methyl methacrylate	9.677	41	105134	57.226	ug/l	97
49) 1,4-Dioxane	9.694	88	35315	1084.756	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	673789	299.418	ug/l	99
52) Toluene	10.630	92	268205	54.885	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	156513	51.864	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	170454	53.367	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	100727	54.720	ug/l	96
56) Ethyl methacrylate	10.871	69	157529	59.164	ug/l	96
57) 1,3-Dichloropropane	11.159	76	171101	54.160	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	368017	295.379	ug/l	98
59) 2-Hexanone	11.194	43	507919	310.089	ug/l	98
60) Dibromochloromethane	11.359	129	115630	55.117	ug/l	98
61) 1,2-Dibromoethane	11.471	107	100185	53.148	ug/l	100
64) Tetrachloroethene	11.100	164	84223	51.572	ug/l	97
65) Chlorobenzene	11.888	112	280248	51.022	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	102787	53.800	ug/l	99
67) Ethyl Benzene	11.959	91	497151	54.224	ug/l	98
68) m/p-Xylenes	12.071	106	384862	110.877	ug/l	100
69) o-Xylene	12.394	106	182327	56.150	ug/l	100
70) Styrene	12.406	104	310628	54.839	ug/l	99
71) Bromoform	12.576	173	76522	53.228	ug/l #	100
73) Isopropylbenzene	12.694	105	465886	54.949	ug/l	100
74) N-amyl acetate	12.494	43	195775	54.252	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	148276	52.394	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	121239m	50.130	ug/l	
77) Bromobenzene	12.976	156	115164	50.527	ug/l	95
78) n-propylbenzene	13.035	91	543291	54.683	ug/l	100
79) 2-Chlorotoluene	13.123	91	338859	52.198	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	394394	56.125	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	50580m	49.616	ug/l	
82) 4-Chlorotoluene	13.218	91	340174	49.791	ug/l	99
83) tert-Butylbenzene	13.435	119	324633	55.819	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	400869	55.272	ug/l	99
85) sec-Butylbenzene	13.612	105	452436	55.073	ug/l	100
86) p-Isopropyltoluene	13.729	119	384216	57.027	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	207861	46.729	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	206880	50.751	ug/l	99
89) n-Butylbenzene	14.053	91	317355	50.355	ug/l	99
90) Hexachloroethane	14.329	117	73571	48.966	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	214119	50.093	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28020	48.873	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	100485	42.950	ug/l	99
94) Hexachlorobutadiene	15.500	225	47622	46.351	ug/l	98
95) Naphthalene	15.641	128	326855	46.675	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	102100	44.956	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
Data File : VN084911.D
Acq On : 18 Nov 2024 09:51
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024

Quant Time: Nov 19 00:22:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

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

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

