

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012120\
 Data File : VX014678.D
 Acq On : 21 Jan 2020 16:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/22/2020 12:26:52 PM

Quant Time: Jan 22 05:13:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	439787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	664658	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	611314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	309495	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	243196	49.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.08%	
35) Dibromofluoromethane	5.49	113	200168	49.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.50%	
50) Toluene-d8	8.71	98	771500	49.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	11.13	95	275228	48.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	250032	45.814	ug/l	100
3) Chloromethane	1.32	50	261628	46.670	ug/l	100
4) Vinyl Chloride	1.40	62	300471	48.100	ug/l	97
5) Bromomethane	1.63	94	188971	45.637	ug/l	96
6) Chloroethane	1.72	64	168732	49.558	ug/l	99
7) Trichlorofluoromethane	1.92	101	338338	47.746	ug/l	100
8) Diethyl Ether	2.18	74	148035	45.791	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	202301	46.925	ug/l	99
10) Methyl Iodide	2.50	142	274480	53.171	ug/l	100
11) Tert butyl alcohol	3.03	59	238780	232.934	ug/l	98
12) 1,1-Dichloroethene	2.37	96	198936	45.800	ug/l	99
13) Acrolein	2.28	56	196609	239.288	ug/l	97
14) Allyl chloride	2.72	41	367757	48.225	ug/l	99
15) Acrylonitrile	3.13	53	629425	254.405	ug/l	100
16) Acetone	2.43	43	662096	269.288	ug/l	100
17) Carbon Disulfide	2.56	76	501460	41.376	ug/l	99
18) Methyl Acetate	2.76	43	388374	55.039	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	687696	49.320	ug/l	99
20) Methylene Chloride	2.85	84	234793	47.539	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	211482	44.598	ug/l	94
22) Diisopropyl ether	3.84	45	761301	51.658	ug/l	98
23) Vinyl Acetate	3.80	43	2800703	245.464	ug/l	100
24) 1,1-Dichloroethane	3.69	63	402886	50.254	ug/l	100
25) 2-Butanone	4.65	43	934458	254.809	ug/l	99
26) 2,2-Dichloropropane	4.57	77	322634	47.507	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	250612	47.276	ug/l	99
28) Bromochloromethane	5.00	49	159194	47.125	ug/l	94
29) Tetrahydrofuran	5.11	42	568504	262.196	ug/l	98
30) Chloroform	5.20	83	396095	50.561	ug/l	96
31) Cyclohexane	5.57	56	362456	48.301	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	335470	50.027	ug/l	98
36) 1,1-Dichloropropene	5.79	75	297482	47.593	ug/l	99
37) Ethyl Acetate	4.81	43	341535	50.305	ug/l	99
38) Carbon Tetrachloride	5.78	117	284758	49.507	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012120\
 Data File : VX014678.D
 Acq On : 21 Jan 2020 16:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/22/2020 12:26:52 PM

Quant Time: Jan 22 05:13:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	363313	46.266	ug/l	98
40) Benzene	6.14	78	902380	48.642	ug/l	99
41) Methacrylonitrile	5.03	41	191255	52.824	ug/l	98
42) 1,2-Dichloroethane	6.18	62	318556	49.112	ug/l	99
43) Isopropyl Acetate	6.43	43	560924	51.143	ug/l	98
44) Trichloroethene	7.21	130	249652	46.828	ug/l	99
45) 1,2-Dichloropropane	7.51	63	240161	50.778	ug/l	98
46) Dibromomethane	7.65	93	153883	46.615	ug/l	98
47) Bromodichloromethane	7.89	83	307427	51.180	ug/l	99
48) Methyl methacrylate	7.76	41	276010	52.544	ug/l	98
49) 1,4-Dioxane	7.73	88	100849	906.064	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1767813	264.508	ug/l	99
52) Toluene	8.78	92	569213	47.932	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	342660	48.999	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	382217	50.596	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	237370	49.764	ug/l	99
56) Ethyl methacrylate	9.17	69	376258	51.487	ug/l	99
57) 1,3-Dichloropropane	9.37	76	400658	50.237	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	642895	258.570	ug/l	98
59) 2-Hexanone	9.48	43	1371937	259.434	ug/l	99
60) Dibromochloromethane	9.58	129	251771	52.514	ug/l	99
61) 1,2-Dibromoethane	9.67	107	248383	49.158	ug/l	98
64) Tetrachloroethene	9.33	164	295813	48.282	ug/l	98
65) Chlorobenzene	10.14	112	620479	46.771	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	232457	49.099	ug/l	99
67) Ethyl Benzene	10.24	91	1090803	48.240	ug/l	100
68) m/p-Xylenes	10.35	106	837998	96.061	ug/l	98
69) o-Xylene	10.70	106	400185	48.080	ug/l	99
70) Styrene	10.71	104	695895	48.447	ug/l	99
71) Bromoform	10.85	173	191230	49.368	ug/l #	100
73) Isopropylbenzene	11.01	105	1083360	49.848	ug/l	100
74) N-amyl acetate	10.89	43	485214	50.604	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	352520	50.579	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	299047m	46.700	ug/l	
77) Bromobenzene	11.25	156	278464	46.202	ug/l	98
78) n-propylbenzene	11.35	91	1227606	49.321	ug/l	99
79) 2-Chlorotoluene	11.42	91	721027	48.606	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	900772	49.922	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	120437	49.725	ug/l	96
82) 4-Chlorotoluene	11.51	91	832585	47.815	ug/l	99
83) tert-Butylbenzene	11.76	119	826396	48.472	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	906622	49.726	ug/l	100
85) sec-Butylbenzene	11.94	105	1055189	49.787	ug/l	98
86) p-Isopropyltoluene	12.06	119	961035	48.865	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	494894	45.753	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	491637	48.361	ug/l	99
89) n-Butylbenzene	12.38	91	845337	47.009	ug/l	99
90) Hexachloroethane	12.59	117	169327	49.014	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	502728	47.438	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	76813	48.995	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012120\
Data File : VX014678.D
Acq On : 21 Jan 2020 16:40
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
1/22/2020 12:26:52 PM

Quant Time: Jan 22 05:13:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	338144	45.453	ug/l	98
94) Hexachlorobutadiene	13.77	225	166013	47.660	ug/l	98
95) Naphthalene	13.83	128	1025294	44.413	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	339367	46.473	ug/l	99

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

