

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031220\
 Data File : VX015222.D
 Acq On : 12 Mar 2020 08:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 11:43:27 AM

Quant Time: Mar 13 02:23:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	300603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	405849	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	378830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	221367	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	152607	42.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.58%	
35) Dibromofluoromethane	5.48	113	133630	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
50) Toluene-d8	8.71	98	485350	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.13	95	190543	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	123158	46.787	ug/l	100
3) Chloromethane	1.32	50	168006	45.057	ug/l	99
4) Vinyl Chloride	1.40	62	171798	45.438	ug/l	99
5) Bromomethane	1.63	94	107701	46.334	ug/l	99
6) Chloroethane	1.72	64	107811	47.535	ug/l	100
7) Trichlorofluoromethane	1.92	101	218829	48.641	ug/l	97
8) Diethyl Ether	2.18	74	97154	47.679	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	139213	49.184	ug/l	98
10) Methyl Iodide	2.50	142	133835	41.852	ug/l	98
11) Tert butyl alcohol	3.03	59	142983	231.085	ug/l	100
12) 1,1-Dichloroethene	2.37	96	134758	46.131	ug/l	99
13) Acrolein	2.28	56	123584	212.535	ug/l	98
14) Allyl chloride	2.72	41	258314	50.714	ug/l	94
15) Acrylonitrile	3.13	53	383724	249.022	ug/l	98
16) Acetone	2.43	43	366920	254.052	ug/l	99
17) Carbon Disulfide	2.56	76	363825	44.848	ug/l	99
18) Methyl Acetate	2.76	43	170124	48.173	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	448546	49.137	ug/l	99
20) Methylene Chloride	2.85	84	157939	46.728	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	148318	47.551	ug/l	98
22) Diisopropyl ether	3.84	45	524919	51.727	ug/l	99
23) Vinyl Acetate	3.80	43	2134389	255.868	ug/l	99
24) 1,1-Dichloroethane	3.69	63	269968	47.933	ug/l	99
25) 2-Butanone	4.65	43	555200	262.579	ug/l	98
26) 2,2-Dichloropropane	4.57	77	215893	48.286	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	172326	49.246	ug/l	99
28) Bromochloromethane	5.00	49	129097	50.336	ug/l	96
29) Tetrahydrofuran	5.11	42	333150	244.429	ug/l	96
30) Chloroform	5.19	83	260911	47.529	ug/l	97
31) Cyclohexane	5.57	56	253045	50.370	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	219704	48.281	ug/l	98
36) 1,1-Dichloropropene	5.79	75	205140	54.676	ug/l	99
37) Ethyl Acetate	4.81	43	203563	58.490	ug/l	98
38) Carbon Tetrachloride	5.77	117	192487	54.352	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031220\
 Data File : VX015222.D
 Acq On : 12 Mar 2020 08:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 11:43:27 AM

Quant Time: Mar 13 02:23:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	237056	54.110	ug/l	98
40) Benzene	6.13	78	604524	54.308	ug/l	98
41) Methacrylonitrile	5.02	41	115625	55.311	ug/l	98
42) 1,2-Dichloroethane	6.18	62	199645	52.227	ug/l	98
43) Isopropyl Acetate	6.42	43	312727	51.078	ug/l	99
44) Trichloroethene	7.20	130	160753	51.855	ug/l	98
45) 1,2-Dichloropropane	7.50	63	151554	52.600	ug/l	97
46) Dibromomethane	7.65	93	91940	48.972	ug/l	96
47) Bromodichloromethane	7.89	83	187887	50.609	ug/l	100
48) Methyl methacrylate	7.76	41	155913	50.034	ug/l	97
49) 1,4-Dioxane	7.73	88	66293	983.952	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	946647	261.507	ug/l	100
52) Toluene	8.78	92	363730	53.442	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	215064	54.425	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	241235	54.000	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	143130	51.093	ug/l	100
56) Ethyl methacrylate	9.17	69	225822	56.515	ug/l	95
57) 1,3-Dichloropropane	9.36	76	242595	51.474	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	584441	268.485	ug/l	100
59) 2-Hexanone	9.48	43	737544	274.888	ug/l	98
60) Dibromochloromethane	9.57	129	156182	53.074	ug/l	100
61) 1,2-Dibromoethane	9.67	107	148230	50.377	ug/l	99
64) Tetrachloroethene	9.33	164	170399	54.402	ug/l	96
65) Chlorobenzene	10.13	112	393001	51.673	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	146748	51.170	ug/l	98
67) Ethyl Benzene	10.25	91	705953	54.661	ug/l	99
68) m/p-Xylenes	10.35	106	536771	109.240	ug/l	99
69) o-Xylene	10.69	106	267729	56.908	ug/l	100
70) Styrene	10.70	104	481609	59.705	ug/l	99
71) Bromoform	10.85	173	126466	56.866	ug/l #	98
73) Isopropylbenzene	11.01	105	736795	52.103	ug/l	100
74) N-amyl acetate	10.89	43	300891	50.489	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	217992	46.256	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	188444m	42.677	ug/l	
77) Bromobenzene	11.25	156	195712	49.661	ug/l	98
78) n-propylbenzene	11.35	91	862106	53.362	ug/l	100
79) 2-Chlorotoluene	11.42	91	495171	51.323	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	619262	52.605	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	78766	50.625	ug/l	96
82) 4-Chlorotoluene	11.51	91	587720	51.561	ug/l	100
83) tert-Butylbenzene	11.76	119	584236	51.327	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	625461	52.888	ug/l	100
85) sec-Butylbenzene	11.94	105	734792	53.475	ug/l	99
86) p-Isopropyltoluene	12.06	119	699700	55.270	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	353556	51.033	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	361365	50.522	ug/l	99
89) n-Butylbenzene	12.38	91	624716	55.484	ug/l	99
90) Hexachloroethane	12.59	117	117270	48.998	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	348009	50.525	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	46788	49.580	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\
Data File : VX015222.D
Acq On : 12 Mar 2020 08:56
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
3/16/2020 11:43:27 AM

Quant Time: Mar 13 02:23:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	269416	56.350	ug/l	99
94) Hexachlorobutadiene	13.77	225	138518	56.459	ug/l	99
95) Naphthalene	13.83	128	708844	48.422	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	265398	55.635	ug/l	99

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

