

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041620\
 Data File : VX015728.D
 Acq On : 16 Apr 2020 21:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/17/2020 11:55:18 AM

Quant Time: Apr 17 08:54:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1017755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1486854	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1385909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	772764	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	624084	43.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.96%	
35) Dibromofluoromethane	5.47	113	498485	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
50) Toluene-d8	8.70	98	1837049	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
62) 4-Bromofluorobenzene	11.12	95	733770	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	364203	40.618	ug/l	98
3) Chloromethane	1.31	50	452781	39.652	ug/l	99
4) Vinyl Chloride	1.39	62	465758	44.421	ug/l	98
5) Bromomethane	1.62	94	231255	47.431	ug/l	100
6) Chloroethane	1.70	64	293860	45.189	ug/l	99
7) Trichlorofluoromethane	1.92	101	643719	45.779	ug/l	99
8) Diethyl Ether	2.17	74	266964	45.012	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	432573	47.190	ug/l	96
10) Methyl Iodide	2.49	142	500017	40.458	ug/l	96
11) Tert butyl alcohol	3.01	59	655412	190.760	ug/l	100
12) 1,1-Dichloroethene	2.36	96	424378	44.166	ug/l	99
13) Acrolein	2.27	56	594082	303.540	ug/l	100
14) Allyl chloride	2.71	41	901998	40.175	ug/l	99
15) Acrylonitrile	3.12	53	1428778	218.058	ug/l	99
16) Acetone	2.42	43	1252081	203.031	ug/l	97
17) Carbon Disulfide	2.55	76	1095998	37.391	ug/l	100
18) Methyl Acetate	2.75	43	698247	44.362	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	1626666	43.650	ug/l	99
20) Methylene Chloride	2.84	84	502053	43.585	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	470481	44.119	ug/l	99
22) Diisopropyl ether	3.83	45	1751003	44.013	ug/l	95
23) Vinyl Acetate	3.79	43	7638145	212.050	ug/l	100
24) 1,1-Dichloroethane	3.67	63	903605	43.138	ug/l	98
25) 2-Butanone	4.64	43	2060378	207.747	ug/l	100
26) 2,2-Dichloropropane	4.55	77	689706	40.114	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	557970	45.226	ug/l	97
28) Bromochloromethane	4.98	49	432867	43.282	ug/l	92
29) Tetrahydrofuran	5.09	42	1322290	207.390	ug/l	97
30) Chloroform	5.18	83	898799	44.599	ug/l	96
31) Cyclohexane	5.55	56	774915	42.645	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	806666	44.230	ug/l	99
36) 1,1-Dichloropropene	5.77	75	664209	48.483	ug/l	98
37) Ethyl Acetate	4.80	43	803000	45.016	ug/l	100
38) Carbon Tetrachloride	5.76	117	708616	47.756	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041620\
 Data File : VX015728.D
 Acq On : 16 Apr 2020 21:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/17/2020 11:55:18 AM

Quant Time: Apr 17 08:54:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	761624	48.217	ug/l	98
40) Benzene	6.12	78	1963212	48.921	ug/l	99
41) Methacrylonitrile	5.00	41	457421	46.194	ug/l	98
42) 1,2-Dichloroethane	6.17	62	754780	46.824	ug/l	98
43) Isopropyl Acetate	6.42	43	1368930	45.461	ug/l	99
44) Trichloroethene	7.19	130	563046	51.446	ug/l	94
45) 1,2-Dichloropropane	7.49	63	531684	48.432	ug/l	98
46) Dibromomethane	7.64	93	348872	48.446	ug/l	93
47) Bromodichloromethane	7.88	83	732946	47.766	ug/l	95
48) Methyl methacrylate	7.75	41	674000	44.811	ug/l	95
49) 1,4-Dioxane	7.72	88	276602	985.802	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	4077218	238.919	ug/l	99
52) Toluene	8.77	92	1260694	50.955	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	810053	45.012	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	865954	47.237	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	522901	51.585	ug/l	98
56) Ethyl methacrylate	9.16	69	859133	48.092	ug/l	95
57) 1,3-Dichloropropane	9.36	76	895470	49.032	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2126490	244.723	ug/l	97
59) 2-Hexanone	9.48	43	3079507	239.019	ug/l	97
60) Dibromochloromethane	9.57	129	596857	49.001	ug/l	98
61) 1,2-Dibromoethane	9.65	107	556142	50.458	ug/l	100
64) Tetrachloroethene	9.32	164	543255	51.941	ug/l	97
65) Chlorobenzene	10.12	112	1402513	50.744	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	556530	50.401	ug/l	99
67) Ethyl Benzene	10.24	91	2452966	50.039	ug/l	98
68) m/p-Xylenes	10.34	106	1886185	103.332	ug/l	95
69) o-Xylene	10.68	106	910305	50.467	ug/l	98
70) Styrene	10.70	104	1591071	50.128	ug/l	98
71) Bromoform	10.84	173	499694	49.711	ug/l #	99
73) Isopropylbenzene	11.00	105	2441222	48.214	ug/l	98
74) N-amyl acetate	10.88	43	1167404	41.454	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	788924	45.408	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	734201m	46.202	ug/l	
77) Bromobenzene	11.24	156	669472	49.569	ug/l	93
78) n-propylbenzene	11.34	91	2742739	47.372	ug/l	99
79) 2-Chlorotoluene	11.40	91	1648931	46.466	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	2070025	47.870	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	264943	40.004	ug/l	99
82) 4-Chlorotoluene	11.49	91	1950189	46.878	ug/l	98
83) tert-Butylbenzene	11.76	119	2096195	49.628	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2092261	47.480	ug/l	98
85) sec-Butylbenzene	11.93	105	2415038	49.438	ug/l	100
86) p-Isopropyltoluene	12.05	119	2258533	49.802	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1205302	49.851	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	1210239	49.142	ug/l	99
89) n-Butylbenzene	12.37	91	1983484	48.399	ug/l	99
90) Hexachloroethane	12.58	117	390903	44.286	ug/l	86
91) 1,2-Dichlorobenzene	12.38	146	1199411	50.691	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	190458	38.839	ug/l	87

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041620\
Data File : VX015728.D
Acq On : 16 Apr 2020 21:17
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
4/17/2020 11:55:18 AM

Quant Time: Apr 17 08:54:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	971685	51.917	ug/l	96
94) Hexachlorobutadiene	13.76	225	486068	54.548	ug/l	95
95) Naphthalene	13.82	128	2747981	48.134	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	989752	54.926	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041620\
 Data File : VX015728.D
 Acq On : 16 Apr 2020 21:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/17/2020 11:55:18 AM

Quant Time: Apr 17 08:54:56 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

