

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072420\
 Data File : VX017584.D
 Acq On : 25 Jul 2020 10:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/27/2020 11:02:33 AM

Quant Time: Jul 27 02:17:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	527667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	827268	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	727788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	413309	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	334419	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
35) Dibromofluoromethane	5.47	113	272484	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	8.70	98	980978	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
62) 4-Bromofluorobenzene	11.12	95	389280	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	252821	51.678	ug/l	98
3) Chloromethane	1.31	50	304749	46.747	ug/l	98
4) Vinyl Chloride	1.39	62	316443	47.657	ug/l	99
5) Bromomethane	1.62	94	178937	50.146	ug/l	95
6) Chloroethane	1.71	64	189126	51.678	ug/l	100
7) Trichlorofluoromethane	1.92	101	499519	47.828	ug/l	97
8) Diethyl Ether	2.17	74	172819	51.068	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	261465	45.620	ug/l	99
10) Methyl Iodide	2.49	142	306511	41.802	ug/l	97
11) Tert butyl alcohol	3.02	59	397356	278.154	ug/l	100
12) 1,1-Dichloroethene	2.36	96	264053	48.448	ug/l	97
13) Acrolein	2.28	56	225131	207.137	ug/l	99
14) Allyl chloride	2.71	41	467598	46.986	ug/l	100
15) Acrylonitrile	3.12	53	812621	263.369	ug/l	100
16) Acetone	2.42	43	759340	254.531	ug/l	99
17) Carbon Disulfide	2.55	76	771985	46.601	ug/l	100
18) Methyl Acetate	2.75	43	367786	52.346	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	956554	50.707	ug/l	98
20) Methylene Chloride	2.84	84	302969	54.026	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	291370	49.903	ug/l	100
22) Diisopropyl ether	3.82	45	936578	51.469	ug/l	# 88
23) Vinyl Acetate	3.79	43	4271490	263.270	ug/l	100
24) 1,1-Dichloroethane	3.67	63	530370	50.596	ug/l	100
25) 2-Butanone	4.64	43	1131000	266.867	ug/l	99
26) 2,2-Dichloropropane	4.55	77	268826	28.650	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	321396	50.679	ug/l	93
28) Bromochloromethane	4.98	49	229115	48.233	ug/l	97
29) Tetrahydrofuran	5.09	42	711621	271.076	ug/l	99
30) Chloroform	5.18	83	539001	50.324	ug/l	97
31) Cyclohexane	5.55	56	402314	48.128	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	492340	48.747	ug/l	100
36) 1,1-Dichloropropene	5.77	75	392189	49.430	ug/l	99
37) Ethyl Acetate	4.80	43	433185	49.899	ug/l	100
38) Carbon Tetrachloride	5.75	117	463444	48.100	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072420\
 Data File : VX017584.D
 Acq On : 25 Jul 2020 10:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/27/2020 11:02:33 AM

Quant Time: Jul 27 02:17:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	401025	43.297	ug/l	99
40) Benzene	6.11	78	1000413	43.980	ug/l	97
41) Methacrylonitrile	5.00	41	237603	47.750	ug/l	98
42) 1,2-Dichloroethane	6.16	62	424642	45.631	ug/l	100
43) Isopropyl Acetate	6.42	43	629390	43.941	ug/l	100
44) Trichloroethene	7.19	130	330326	49.691	ug/l	100
45) 1,2-Dichloropropane	7.49	63	300294	47.621	ug/l	98
46) Dibromomethane	7.64	93	206135	46.256	ug/l	100
47) Bromodichloromethane	7.88	83	446895	49.838	ug/l	99
48) Methyl methacrylate	7.74	41	337763	47.572	ug/l	99
49) 1,4-Dioxane	7.71	88	146636	1077.212	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1958401	229.151	ug/l	99
52) Toluene	8.77	92	686105	47.032	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	461636	45.990	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	451225	44.072	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	271010	44.596	ug/l	98
56) Ethyl methacrylate	9.16	69	436837	47.713	ug/l	98
57) 1,3-Dichloropropane	9.35	76	511242	51.090	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1142167	236.789	ug/l	99
59) 2-Hexanone	9.48	43	1596622	248.137	ug/l	98
60) Dibromochloromethane	9.57	129	365030	47.259	ug/l	99
61) 1,2-Dibromoethane	9.65	107	307572	47.539	ug/l	99
64) Tetrachloroethene	9.32	164	339371	51.954	ug/l	99
65) Chlorobenzene	10.12	112	724123	45.967	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	318420	50.084	ug/l	100
67) Ethyl Benzene	10.24	91	1330087	50.581	ug/l	97
68) m/p-Xylenes	10.34	106	1104630	108.434	ug/l	99
69) o-Xylene	10.68	106	512065	52.264	ug/l	99
70) Styrene	10.70	104	880472	52.818	ug/l	100
71) Bromoform	10.84	173	283911	51.543	ug/l #	99
73) Isopropylbenzene	11.00	105	1314892	46.375	ug/l	99
74) N-amyl acetate	10.88	43	592569	47.038	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	416847	47.100	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	399224m	46.957	ug/l	
77) Bromobenzene	11.24	156	368228	46.390	ug/l	97
78) n-propylbenzene	11.34	91	1527108	47.754	ug/l	99
79) 2-Chlorotoluene	11.40	91	914474	46.164	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1241499	51.283	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	129411	38.354	ug/l	95
82) 4-Chlorotoluene	11.49	91	1175669	50.312	ug/l	100
83) tert-Butylbenzene	11.76	119	1086182	46.890	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1131809	47.005	ug/l	99
85) sec-Butylbenzene	11.93	105	1266346	46.928	ug/l	100
86) p-Isopropyltoluene	12.05	119	1199961	46.696	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	634848	46.574	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	627556	44.447	ug/l	99
89) n-Butylbenzene	12.37	91	1004473	43.867	ug/l	99
90) Hexachloroethane	12.58	117	262916	51.895	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	592225	44.206	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	105633	42.607	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
Data File : VX017584.D
Acq On : 25 Jul 2020 10:18
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:02:33 AM

Quant Time: Jul 27 02:17:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	429442	46.968	ug/l	99
94) Hexachlorobutadiene	13.77	225	188134	44.700	ug/l	99
95) Naphthalene	13.82	128	1357556	49.738	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	420885	46.620	ug/l	100

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

