

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017995.D
 Acq On : 19 Aug 2020 19:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 9:17:14 AM

Quant Time: Aug 20 05:29:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	459220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	692731	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	683166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	344616	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	298468	44.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.68%	
35) Dibromofluoromethane	5.47	113	228625	44.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.64%	
50) Toluene-d8	8.70	98	826749	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	
62) 4-Bromofluorobenzene	11.12	95	319671	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	326191	47.065	ug/l	98
3) Chloromethane	1.31	50	301759	48.050	ug/l	98
4) Vinyl Chloride	1.39	62	304141	46.921	ug/l	99
5) Bromomethane	1.62	94	188064	53.512	ug/l	99
6) Chloroethane	1.71	64	171304	49.740	ug/l	99
7) Trichlorofluoromethane	1.92	101	466697	48.531	ug/l	100
8) Diethyl Ether	2.17	74	131727	47.001	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	210570	46.557	ug/l	99
10) Methyl Iodide	2.49	142	232942	39.940	ug/l	100
11) Tert butyl alcohol	3.02	59	309672	238.257	ug/l	99
12) 1,1-Dichloroethene	2.36	96	194026	46.875	ug/l	96
13) Acrolein	2.28	56	124870	181.871	ug/l	99
14) Allyl chloride	2.71	41	338537	45.858	ug/l	99
15) Acrylonitrile	3.12	53	699502	246.435	ug/l	99
16) Acetone	2.42	43	580124	219.049	ug/l	98
17) Carbon Disulfide	2.55	76	488670	48.658	ug/l	100
18) Methyl Acetate	2.75	43	312828	46.942	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	815416	51.526	ug/l	100
20) Methylene Chloride	2.84	84	218718	44.825	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	209049	49.127	ug/l	96
22) Diisopropyl ether	3.82	45	769471	49.722	ug/l	89
23) Vinyl Acetate	3.79	43	2828732	239.191	ug/l	100
24) 1,1-Dichloroethane	3.67	63	406859	47.426	ug/l	98
25) 2-Butanone	4.64	43	956842	238.648	ug/l	97
26) 2,2-Dichloropropane	4.56	77	348200	44.572	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	254110	50.623	ug/l	98
28) Bromochloromethane	4.98	49	194279	43.821	ug/l	98
29) Tetrahydrofuran	5.10	42	582171	233.793	ug/l	98
30) Chloroform	5.18	83	432455	46.120	ug/l	98
31) Cyclohexane	5.56	56	363770	52.292	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	398472	46.844	ug/l	99
36) 1,1-Dichloropropene	5.77	75	293816	50.674	ug/l	98
37) Ethyl Acetate	4.80	43	326677	47.089	ug/l	100
38) Carbon Tetrachloride	5.76	117	374991	49.971	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX081920\
 Data File : VX017995.D
 Acq On : 19 Aug 2020 19:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 9:17:14 AM

Quant Time: Aug 20 05:29:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	350925	47.300	ug/l	97
40) Benzene	6.11	78	835302	47.831	ug/l	100
41) Methacrylonitrile	5.01	41	196772	49.486	ug/l	98
42) 1,2-Dichloroethane	6.17	62	367340	49.520	ug/l	100
43) Isopropyl Acetate	6.42	43	582461	52.010	ug/l	99
44) Trichloroethene	7.19	130	243662	47.049	ug/l	98
45) 1,2-Dichloropropane	7.49	63	235252	47.016	ug/l	99
46) Dibromomethane	7.63	93	166845	47.777	ug/l	98
47) Bromodichloromethane	7.88	83	355969	46.955	ug/l	97
48) Methyl methacrylate	7.74	41	278307	50.129	ug/l	99
49) 1,4-Dioxane	7.72	88	99592	876.224	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1747406	231.745	ug/l	100
52) Toluene	8.77	92	530547	46.435	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	381182	47.540	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	426487	51.013	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	248949	47.428	ug/l	99
56) Ethyl methacrylate	9.16	69	374816	50.505	ug/l	99
57) 1,3-Dichloropropane	9.35	76	433897	52.049	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	799325	222.417	ug/l	100
59) 2-Hexanone	9.48	43	1392860	243.783	ug/l	97
60) Dibromochloromethane	9.57	129	315634	48.148	ug/l	97
61) 1,2-Dibromoethane	9.66	107	274872	47.277	ug/l	99
64) Tetrachloroethene	9.32	164	246294	47.208	ug/l	98
65) Chlorobenzene	10.12	112	700154	51.631	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	294489	51.337	ug/l	99
67) Ethyl Benzene	10.24	91	1187220	53.107	ug/l	98
68) m/p-Xylenes	10.34	106	900981	104.686	ug/l	96
69) o-Xylene	10.68	106	420247	50.636	ug/l	97
70) Styrene	10.70	104	746440	52.132	ug/l	99
71) Bromoform	10.84	173	248669	48.298	ug/l #	99
73) Isopropylbenzene	11.01	105	1124609	50.701	ug/l	99
74) N-amyl acetate	10.88	43	487325	49.394	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	394692	51.008	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	372091m	50.772	ug/l	
77) Bromobenzene	11.24	156	328542	53.386	ug/l	98
78) n-propylbenzene	11.34	91	1306418	50.356	ug/l	100
79) 2-Chlorotoluene	11.40	91	792138	50.102	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	990621	50.878	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	136218	48.829	ug/l	98
82) 4-Chlorotoluene	11.49	91	943572	50.749	ug/l	99
83) tert-Butylbenzene	11.76	119	984761	53.557	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	1008994	50.057	ug/l	99
85) sec-Butylbenzene	11.93	105	1130873	50.949	ug/l	99
86) p-Isopropyltoluene	12.05	119	1084017	52.501	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	556369	49.672	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	543230	49.505	ug/l	100
89) n-Butylbenzene	12.37	91	987671	57.796	ug/l	99
90) Hexachloroethane	12.58	117	222167	54.101	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	578080	55.908	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	94994	48.194	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
Data File : VX017995.D
Acq On : 19 Aug 2020 19:07
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:17:14 AM

Quant Time: Aug 20 05:29:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:36:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	380705	55.968	ug/l	95
94) Hexachlorobutadiene	13.77	225	147913	50.953	ug/l	97
95) Naphthalene	13.82	128	1183532	55.120	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	372941	53.917	ug/l	97

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

