

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091720\
 Data File : VX018478.D
 Acq On : 17 Sep 2020 19:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 12:19:50 PM

Quant Time: Sep 18 07:25:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	442091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	713557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	681087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	370711	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	314626	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	5.46	113	244808	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.70	98	850991	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
62) 4-Bromofluorobenzene	11.12	95	347719	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	209258	49.925	ug/l	99
3) Chloromethane	1.31	50	248323	50.606	ug/l	100
4) Vinyl Chloride	1.39	62	250526	48.226	ug/l	99
5) Bromomethane	1.63	94	176670	55.410	ug/l	94
6) Chloroethane	1.71	64	149564	50.305	ug/l	97
7) Trichlorofluoromethane	1.92	101	401981	50.936	ug/l	99
8) Diethyl Ether	2.17	74	132794	47.959	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	198100	46.636	ug/l	99
10) Methyl Iodide	2.49	142	225854	43.663	ug/l	96
11) Tert butyl alcohol	3.01	59	284818	261.738	ug/l	99
12) 1,1-Dichloroethene	2.36	96	204543	47.775	ug/l	91
13) Acrolein	2.28	56	162572	235.946	ug/l	100
14) Allyl chloride	2.71	41	387357	46.688	ug/l	97
15) Acrylonitrile	3.12	53	662411	255.123	ug/l	99
16) Acetone	2.42	43	574725	240.290	ug/l	100
17) Carbon Disulfide	2.55	76	587214	45.925	ug/l	98
18) Methyl Acetate	2.75	43	300291	50.673	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	790403	52.591	ug/l	100
20) Methylene Chloride	2.84	84	248497	47.089	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	232282	46.683	ug/l	96
22) Diisopropyl ether	3.83	45	786212	50.414	ug/l	90
23) Vinyl Acetate	3.79	43	3560271	257.636	ug/l	100
24) 1,1-Dichloroethane	3.67	63	436888	48.576	ug/l	99
25) 2-Butanone	4.64	43	936540	251.443	ug/l	99
26) 2,2-Dichloropropane	4.56	77	350905	42.227	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	268700	48.179	ug/l	99
28) Bromochloromethane	4.98	49	196012	46.574	ug/l	97
29) Tetrahydrofuran	5.09	42	601114	256.055	ug/l	98
30) Chloroform	5.18	83	466927	51.168	ug/l	99
31) Cyclohexane	5.55	56	338361	44.707	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	425331	49.683	ug/l	99
36) 1,1-Dichloropropene	5.77	75	320661	46.299	ug/l	99
37) Ethyl Acetate	4.79	43	365963	49.483	ug/l	99
38) Carbon Tetrachloride	5.76	117	382164	49.823	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091720\
 Data File : VX018478.D
 Acq On : 17 Sep 2020 19:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 12:19:50 PM

Quant Time: Sep 18 07:25:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	344624	44.291	ug/l	97
40) Benzene	6.12	78	951309	47.929	ug/l	100
41) Methacrylonitrile	5.01	41	204093	49.663	ug/l	99
42) 1,2-Dichloroethane	6.17	62	393815	51.001	ug/l	100
43) Isopropyl Acetate	6.42	43	609472	49.661	ug/l	100
44) Trichloroethene	7.19	130	267431	46.543	ug/l	97
45) 1,2-Dichloropropane	7.49	63	258012	47.360	ug/l	98
46) Dibromomethane	7.64	93	183534	49.036	ug/l	97
47) Bromodichloromethane	7.88	83	383842	50.886	ug/l	98
48) Methyl methacrylate	7.75	41	301652	50.497	ug/l	97
49) 1,4-Dioxane	7.71	88	94656	958.984	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1891138	258.797	ug/l	99
52) Toluene	8.77	92	600198	48.054	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	416295	48.570	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	430453	48.749	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	254155	49.039	ug/l	97
56) Ethyl methacrylate	9.16	69	394281	51.307	ug/l	99
57) 1,3-Dichloropropane	9.35	76	423187	48.600	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1004524	245.861	ug/l	99
59) 2-Hexanone	9.48	43	1440804	259.227	ug/l	99
60) Dibromochloromethane	9.57	129	321559	52.033	ug/l	99
61) 1,2-Dibromoethane	9.65	107	279993	50.775	ug/l	98
64) Tetrachloroethene	9.32	164	242075	45.145	ug/l	97
65) Chlorobenzene	10.12	112	670723	47.825	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	277925	49.400	ug/l	100
67) Ethyl Benzene	10.24	91	1156633	47.647	ug/l	96
68) m/p-Xylenes	10.34	106	884239	96.293	ug/l	100
69) o-Xylene	10.68	106	426600	49.059	ug/l	99
70) Styrene	10.70	104	749653	49.929	ug/l	98
71) Bromoform	10.84	173	248491	52.605	ug/l #	99
73) Isopropylbenzene	11.00	105	1147265	46.326	ug/l	100
74) N-amyl acetate	10.88	43	552119	49.521	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	401836	49.022	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	376589m	48.341	ug/l	
77) Bromobenzene	11.24	156	314962	46.094	ug/l	99
78) n-propylbenzene	11.34	91	1312092	45.263	ug/l	100
79) 2-Chlorotoluene	11.40	91	807977	46.047	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	999423	47.189	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	142137	46.754	ug/l	98
82) 4-Chlorotoluene	11.49	91	960732	46.061	ug/l	100
83) tert-Butylbenzene	11.76	119	983941	47.849	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1022706	47.948	ug/l	98
85) sec-Butylbenzene	11.93	105	1104590	45.526	ug/l	99
86) p-Isopropyltoluene	12.05	119	1050446	47.108	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	560223	45.599	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	572316	45.943	ug/l	99
89) n-Butylbenzene	12.37	91	914245	44.288	ug/l	100
90) Hexachloroethane	12.58	117	206955	46.488	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	547206	47.587	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	99392	49.947	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091720\
 Data File : VX018478.D
 Acq On : 17 Sep 2020 19:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 12:19:50 PM

Quant Time: Sep 18 07:25:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	355194	44.382	ug/l	96
94) Hexachlorobutadiene	13.77	225	142366	42.392	ug/l	96
95) Naphthalene	13.82	128	1198201	49.574	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	358442	46.864	ug/l	99

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

