

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052820\
 Data File : VX016497.D
 Acq On : 28 May 2020 19:42
 Operator : JC/SP
 Sample : L2778-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-200526MS

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 10:57:51 AM

Quant Time: May 29 04:22:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	281457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	456291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	424431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209916	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	182732	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
35) Dibromofluoromethane	5.47	113	144108	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
50) Toluene-d8	8.70	98	560642	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
62) 4-Bromofluorobenzene	11.12	95	214508	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	144554	52.188	ug/l	97
3) Chloromethane	1.31	50	171298	51.176	ug/l	98
4) Vinyl Chloride	1.39	62	202423	57.185	ug/l	100
5) Bromomethane	1.62	94	84936	49.349	ug/l	99
6) Chloroethane	1.70	64	109088	52.830	ug/l	96
7) Trichlorofluoromethane	1.91	101	237588	51.107	ug/l	99
8) Diethyl Ether	2.17	74	99240	51.196	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	127461	49.818	ug/l	99
10) Methyl Iodide	2.49	142	141630	46.557	ug/l	99
11) Tert butyl alcohol	3.01	59	233446	260.452	ug/l	100
12) 1,1-Dichloroethene	2.36	96	141505	52.250	ug/l	97
13) Acrolein	2.27	56	110807	290.619	ug/l	97
14) Allyl chloride	2.70	41	264108	53.028	ug/l	98
15) Acrylonitrile	3.12	53	509763	277.643	ug/l	99
16) Acetone	2.42	43	428243	279.644	ug/l	99
17) Carbon Disulfide	2.55	76	414132	51.493	ug/l	100
18) Methyl Acetate	2.75	43	205341	52.280	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	521924	53.669	ug/l	100
20) Methylene Chloride	2.83	84	163609	51.638	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	158193	52.808	ug/l	95
22) Diisopropyl ether	3.82	45	510555	53.362	ug/l	99
23) Vinyl Acetate	3.79	43	2169308	259.029	ug/l	100
24) 1,1-Dichloroethane	3.67	63	287501	53.239	ug/l	100
25) 2-Butanone	4.64	43	714978	275.535	ug/l	100
26) 2,2-Dichloropropane	4.56	77	192550	43.574	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	179731	51.863	ug/l	99
28) Bromochloromethane	4.98	49	129533	51.617	ug/l	98
29) Tetrahydrofuran	5.09	42	470647	280.747	ug/l	100
30) Chloroform	5.18	83	284085	52.209	ug/l	97
31) Cyclohexane	5.55	56	240453	49.494	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	254195	51.600	ug/l	100
36) 1,1-Dichloropropene	5.77	75	214131	49.565	ug/l	99
37) Ethyl Acetate	4.79	43	254016	48.974	ug/l	99
38) Carbon Tetrachloride	5.76	117	221286	48.740	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052820\
 Data File : VX016497.D
 Acq On : 28 May 2020 19:42
 Operator : JC/SP
 Sample : L2778-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 WP022RW358-200526MS

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 10:57:51 AM

Quant Time: May 29 04:22:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	232071	49.456	ug/l	99
40) Benzene	6.12	78	657811	51.130	ug/l	100
41) Methacrylonitrile	5.01	41	143074	50.219	ug/l	99
42) 1,2-Dichloroethane	6.17	62	227593	49.744	ug/l	99
43) Isopropyl Acetate	6.42	43	406455	50.239	ug/l	99
44) Trichloroethene	7.19	130	193770	47.470	ug/l	98
45) 1,2-Dichloropropane	7.49	63	168045	51.308	ug/l	100
46) Dibromomethane	7.64	93	109960	49.985	ug/l	99
47) Bromodichloromethane	7.88	83	232326	51.004	ug/l	99
48) Methyl methacrylate	7.74	41	203042	52.415	ug/l	99
49) 1,4-Dioxane	7.71	88	86887	958.441	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1345710	267.133	ug/l	100
52) Toluene	8.77	92	412127	50.799	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	260403	50.276	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	274726	50.111	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	166240	51.537	ug/l	96
56) Ethyl methacrylate	9.16	69	279142	53.135	ug/l	100
57) 1,3-Dichloropropane	9.35	76	287625	51.949	ug/l	99
59) 2-Hexanone	9.48	43	1057342	269.900	ug/l	99
60) Dibromochloromethane	9.57	129	186908	51.489	ug/l	100
61) 1,2-Dibromoethane	9.65	107	178435	51.657	ug/l	100
64) Tetrachloroethene	9.32	164	212204	44.689	ug/l	97
65) Chlorobenzene	10.12	112	963196	111.314	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	166819	50.504	ug/l	99
67) Ethyl Benzene	10.24	91	763929	49.586	ug/l	99
68) m/p-Xylenes	10.34	106	572522	100.230	ug/l	100
69) o-Xylene	10.68	106	277816	50.221	ug/l	99
70) Styrene	10.70	104	493157	51.865	ug/l	100
71) Bromoform	10.84	173	142861	51.176	ug/l #	99
73) Isopropylbenzene	11.00	105	726843	49.973	ug/l	100
74) N-amyl acetate	10.88	43	338058	50.531	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	206426	56.630	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	240000m	52.015	ug/l	
77) Bromobenzene	11.24	156	190494	49.936	ug/l	100
78) n-propylbenzene	11.34	91	820085	50.468	ug/l	100
79) 2-Chlorotoluene	11.40	91	500429	50.453	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	614458	50.595	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	92056	49.077	ug/l	99
82) 4-Chlorotoluene	11.49	91	585984	50.029	ug/l	100
83) tert-Butylbenzene	11.76	119	538218	51.866	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	621981	50.642	ug/l	99
85) sec-Butylbenzene	11.93	105	666153	51.173	ug/l	100
86) p-Isopropyltoluene	12.05	119	631580	51.794	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	332050	50.241	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	350067	51.790	ug/l	100
89) n-Butylbenzene	12.37	91	528969	52.080	ug/l	99
90) Hexachloroethane	12.58	117	107725	51.145	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	325837	50.887	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59888	50.722	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	215362	50.643	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052820\
Data File : VX016497.D
Acq On : 28 May 2020 19:42
Operator : JC/SP
Sample : L2778-04MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MS

Manual Integrations
APPROVED

MMDadoda
5/29/2020 10:57:51 AM

Quant Time: May 29 04:22:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	80793	48.389	ug/l	99
95) Naphthalene	13.82	128	750091	51.452	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	214101	51.390	ug/l	96

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

