

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030419\
 Data File : VX007817.D
 Acq On : 04 Mar 2019 18:08
 Operator : JC/SP
 Sample : K1719-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-485-487MS

Manual Integrations
 APPROVED

MMDadoda
 3/5/2019 9:34:43 AM

Quant Time: Mar 04 22:23:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	303173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	451334	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	396250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200690	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	164051	43.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.36%	
35) Dibromofluoromethane	5.50	113	143171	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
50) Toluene-d8	8.71	98	525680	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	
62) 4-Bromofluorobenzene	11.13	95	188387	44.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	111236	39.829	ug/l	98
3) Chloromethane	1.33	50	138275	44.679	ug/l	99
4) Vinyl Chloride	1.41	62	147749	46.533	ug/l	99
5) Bromomethane	1.64	94	77348	38.311	ug/l	98
6) Chloroethane	1.71	64	98791	48.700	ug/l	99
7) Trichlorofluoromethane	1.93	101	202766	41.657	ug/l	100
8) Diethyl Ether	2.19	74	93736	46.923	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	121042	41.143	ug/l	98
10) Methyl Iodide	2.51	142	194011	52.960	ug/l	97
11) Tert butyl alcohol	3.08	59	187671	263.390	ug/l	98
12) 1,1-Dichloroethene	2.37	96	123258	46.479	ug/l	95
13) Acrolein	2.30	56	227951	360.023	ug/l	100
14) Allyl chloride	2.73	41	260310	53.087	ug/l	90
15) Acrylonitrile	3.15	53	442361	263.816	ug/l	99
16) Acetone	2.45	43	367835	220.260	ug/l	98
17) Carbon Disulfide	2.57	76	346786	47.004	ug/l	99
18) Methyl Acetate	2.78	43	202239	55.497	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	453173	49.072	ug/l	99
20) Methylene Chloride	2.86	84	138497	44.913	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	130714	45.340	ug/l	91
22) Diisopropyl ether	3.87	45	492852	48.283	ug/l	94
23) Vinyl Acetate	3.82	43	2053318	229.276	ug/l	97
24) 1,1-Dichloroethane	3.70	63	263452	47.489	ug/l	98
25) 2-Butanone	4.70	43	610608	240.032	ug/l	96
26) 2,2-Dichloropropane	4.58	77	168799	38.118	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	159964	43.606	ug/l	95
28) Bromochloromethane	5.02	49	120546	44.635	ug/l	87
29) Tetrahydrofuran	5.15	42	406969	242.700	ug/l	94
30) Chloroform	5.21	83	252790	42.540	ug/l	100
31) Cyclohexane	5.57	56	227050	43.510	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	213072	43.356	ug/l	98
36) 1,1-Dichloropropene	5.80	75	185368	45.684	ug/l	98
37) Ethyl Acetate	4.85	43	219428	48.682	ug/l	100
38) Carbon Tetrachloride	5.78	117	185055	45.402	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030419\
 Data File : VX007817.D
 Acq On : 04 Mar 2019 18:08
 Operator : JC/SP
 Sample : K1719-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-485-487MS

Manual Integrations
 APPROVED

MMDadoda
 3/5/2019 9:34:43 AM

Quant Time: Mar 04 22:23:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	217672	42.445	ug/l	94
40) Benzene	6.14	78	588433	46.978	ug/l	100
41) Methacrylonitrile	5.06	41	133285	55.377	ug/l	93
42) 1,2-Dichloroethane	6.20	62	192264	45.668	ug/l	98
43) Isopropyl Acetate	6.46	43	349506	50.382	ug/l	98
44) Trichloroethene	7.21	130	190897	55.402	ug/l	96
45) 1,2-Dichloropropane	7.51	63	157481	48.535	ug/l	99
46) Dibromomethane	7.66	93	98636	43.575	ug/l	97
47) Bromodichloromethane	7.90	83	189604	48.335	ug/l	99
48) Methyl methacrylate	7.77	41	185473	51.006	ug/l	91
49) 1,4-Dioxane	7.75	88	73929	941.309	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1156843	249.129	ug/l	100
52) Toluene	8.78	92	357619	45.277	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	208353	43.131	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	228475	47.995	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	149363	45.348	ug/l	98
56) Ethyl methacrylate	9.18	69	231337	49.390	ug/l	95
57) 1,3-Dichloropropane	9.37	76	248714	47.172	ug/l	99
59) 2-Hexanone	9.49	43	873318	239.553	ug/l	99
60) Dibromochloromethane	9.58	129	158777	50.098	ug/l	98
61) 1,2-Dibromoethane	9.67	107	158242	46.273	ug/l	100
64) Tetrachloroethene	9.34	164	156080	48.520	ug/l	97
65) Chlorobenzene	10.13	112	393701	45.939	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	146822	49.114	ug/l	99
67) Ethyl Benzene	10.25	91	662343	46.654	ug/l	100
68) m/p-Xylenes	10.36	106	509290	92.212	ug/l	97
69) o-Xylene	10.70	106	249743	47.011	ug/l	97
70) Stvrene	10.71	104	402137	46.053	ug/l	99
71) Bromoform	10.85	173	125708	56.077	ug/l #	99
73) Isopropylbenzene	11.02	105	665841	46.421	ug/l	100
74) N-amyl acetate	10.90	43	299094	48.018	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	223203	44.992	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	214212m	50.075	ug/l	
77) Bromobenzene	11.26	156	178317	49.564	ug/l	95
78) n-propylbenzene	11.36	91	732391	45.186	ug/l	99
79) 2-Chlorotoluene	11.42	91	440666	45.153	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	543766	46.088	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	67390	42.683	ug/l	91
82) 4-Chlorotoluene	11.51	91	505263	44.256	ug/l	98
83) tert-Butylbenzene	11.77	119	546920	48.280	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	557854	46.224	ug/l	99
85) sec-Butylbenzene	11.94	105	648288	45.669	ug/l	99
86) p-Isopropyltoluene	12.06	119	586674	47.192	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	311137	46.624	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	312741	45.759	ug/l	100
89) n-Butylbenzene	12.38	91	483388	43.600	ug/l	99
90) Hexachloroethane	12.60	117	97913	46.744	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	312691	46.830	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48681	45.036	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	215354	52.837	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030419\
Data File : VX007817.D
Acq On : 04 Mar 2019 18:08
Operator : JC/SP
Sample : K1719-03MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MS

Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM

Quant Time: Mar 04 22:23:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	110067	59.032	ug/l	99
95) Naphthalene	13.83	128	663673	50.260	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	217264	53.089	ug/l	99

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

