

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020119\
 Data File : VX007347.D
 Acq On : 01 Feb 2019 19:59
 Operator : JC/SP
 Sample : K1296-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202S-20190129MSD

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 9:36:47 AM

Quant Time: Feb 02 04:16:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	464267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	688329	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	648593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	336627	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	243536	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
35) Dibromofluoromethane	5.50	113	219948	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	8.71	98	826688	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.13	95	295636	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	295858	51.852	ug/l	98
3) Chloromethane	1.33	50	264994	50.675	ug/l	99
4) Vinyl Chloride	1.41	62	274964	53.598	ug/l	99
5) Bromomethane	1.64	94	271716	53.601	ug/l	98
6) Chloroethane	1.71	64	169763	51.154	ug/l	98
7) Trichlorofluoromethane	1.93	101	412899	51.450	ug/l	99
8) Diethyl Ether	2.19	74	150206	49.728	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	232941	48.797	ug/l	98
10) Methyl Iodide	2.51	142	359335	51.170	ug/l	99
11) Tert butyl alcohol	3.08	59	267572	262.373	ug/l	100
12) 1,1-Dichloroethene	2.37	96	221705	50.015	ug/l	99
13) Acrolein	2.30	56	160702	336.043	ug/l	99
14) Allyl chloride	2.73	41	374375	51.833	ug/l	99
15) Acrylonitrile	3.15	53	653959	259.218	ug/l	99
16) Acetone	2.45	43	561258	248.641	ug/l	100
17) Carbon Disulfide	2.57	76	589515	50.821	ug/l	100
18) Methyl Acetate	2.78	43	294617	50.092	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	724626	50.458	ug/l	98
20) Methylene Chloride	2.85	84	244096	52.964	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	231732	49.074	ug/l	98
22) Diisopropyl ether	3.87	45	664457	50.013	ug/l	97
23) Vinyl Acetate	3.82	43	2599285	235.767	ug/l	100
24) 1,1-Dichloroethane	3.70	63	371650	48.711	ug/l	100
25) 2-Butanone	4.70	43	819098	254.979	ug/l	98
26) 2,2-Dichloropropane	4.58	77	255040	43.894	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	248541	48.189	ug/l	98
28) Bromochloromethane	5.02	49	177672	50.639	ug/l	97
29) Tetrahydrofuran	5.15	42	538501	266.533	ug/l	100
30) Chloroform	5.21	83	396958	49.860	ug/l	99
31) Cyclohexane	5.57	56	333918	48.729	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	342292	50.934	ug/l	99
36) 1,1-Dichloropropene	5.80	75	291280	47.163	ug/l	100
37) Ethyl Acetate	4.85	43	288808	46.260	ug/l	98
38) Carbon Tetrachloride	5.79	117	303188	50.602	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020119\
 Data File : VX007347.D
 Acq On : 01 Feb 2019 19:59
 Operator : JC/SP
 Sample : K1296-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202S-20190129MSD

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 9:36:47 AM

Quant Time: Feb 02 04:16:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	359122	48.061	ug/l	97
40) Benzene	6.15	78	884380	48.612	ug/l	100
41) Methacrylonitrile	5.06	41	172777	51.637	ug/l	99
42) 1,2-Dichloroethane	6.20	62	301015	47.822	ug/l	99
43) Isopropyl Acetate	6.46	43	472045	48.986	ug/l	99
44) Trichloroethene	7.21	130	259326	47.329	ug/l	99
45) 1,2-Dichloropropane	7.52	63	221533	48.601	ug/l	98
46) Dibromomethane	7.66	93	160019	48.302	ug/l	99
47) Bromodichloromethane	7.90	83	287410	51.189	ug/l	99
48) Methyl methacrylate	7.77	41	254069	52.711	ug/l	99
49) 1,4-Dioxane	7.75	88	116121	1058.923	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1648217	259.821	ug/l	100
52) Toluene	8.79	92	578410	49.278	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	312661	51.843	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	334527	50.440	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	241999	49.461	ug/l	98
56) Ethyl methacrylate	9.18	69	350778	51.764	ug/l	98
57) 1,3-Dichloropropane	9.37	76	382692	49.184	ug/l	99
59) 2-Hexanone	9.49	43	1242094	251.618	ug/l	99
60) Dibromochloromethane	9.58	129	254361	54.969	ug/l	98
61) 1,2-Dibromoethane	9.67	107	260890	50.351	ug/l	100
64) Tetrachloroethene	9.33	164	267063	43.687	ug/l	98
65) Chlorobenzene	10.14	112	666154	47.066	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	241408	50.873	ug/l	100
67) Ethyl Benzene	10.25	91	1103484	48.414	ug/l	97
68) m/p-Xylenes	10.36	106	871775	96.219	ug/l	99
69) o-Xylene	10.70	106	426211	48.887	ug/l	99
70) Styrene	10.71	104	690691	48.850	ug/l	100
71) Bromoform	10.86	173	193284	46.727	ug/l	99
73) Isopropylbenzene	11.02	105	1123976	49.134	ug/l	99
74) N-amyl acetate	10.90	43	409475	46.279	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	346138	49.650	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	326964m	49.935	ug/l	
77) Bromobenzene	11.26	156	310769	48.216	ug/l	99
78) n-propylbenzene	11.36	91	1265176	50.436	ug/l	100
79) 2-Chlorotoluene	11.42	91	739121	48.560	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	931619	49.779	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	97779	46.482	ug/l	96
82) 4-Chlorotoluene	11.51	91	858187	48.727	ug/l	99
83) tert-Butylbenzene	11.77	119	940126	50.738	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	946747	49.828	ug/l	100
85) sec-Butylbenzene	11.94	105	1120834	49.979	ug/l	100
86) p-Isopropyltoluene	12.07	119	1014090	50.094	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	541822	46.841	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	542075	46.191	ug/l	100
89) n-Butylbenzene	12.39	91	849059	48.756	ug/l	100
90) Hexachloroethane	12.60	117	163230	53.876	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	539532	46.869	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	73325	50.583	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	370003	47.661	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX020119\
Data File : VX007347.D
Acq On : 01 Feb 2019 19:59
Operator : JC/SP
Sample : K1296-05MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MSD

Manual Integrations
APPROVED

MMDadoda
2/4/2019 9:36:47 AM

Quant Time: Feb 02 04:16:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	172219	45.686	ug/l	99
95) Naphthalene	13.83	128	1145434	50.455	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	367550	47.035	ug/l	99

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

