

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020119\
 Data File : VX007346.D
 Acq On : 01 Feb 2019 19:33
 Operator : JC/SP
 Sample : K1296-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 9:36:42 AM

Quant Time: Feb 02 04:11:44 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	448134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	673045	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	637164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	332600	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	236614	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	5.50	113	217875	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	8.71	98	811102	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.13	95	296948	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	277431	50.378	ug/l	97
3) Chloromethane	1.33	50	260574	51.624	ug/l	99
4) Vinyl Chloride	1.41	62	267105	53.940	ug/l	99
5) Bromomethane	1.64	94	258078	52.736	ug/l	98
6) Chloroethane	1.72	64	161413	50.389	ug/l	99
7) Trichlorofluoromethane	1.93	101	394526	50.930	ug/l	100
8) Diethyl Ether	2.19	74	146242	50.158	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	221312	48.030	ug/l	98
10) Methyl Iodide	2.51	142	350382	51.692	ug/l	100
11) Tert butyl alcohol	3.07	59	264775	268.977	ug/l	100
12) 1,1-Dichloroethene	2.37	96	212141	49.580	ug/l	99
13) Acrolein	2.30	56	156566	339.180	ug/l	98
14) Allyl chloride	2.73	41	358042	51.356	ug/l	99
15) Acrylonitrile	3.15	53	626616	257.322	ug/l	99
16) Acetone	2.45	43	539123	247.433	ug/l	99
17) Carbon Disulfide	2.57	76	559624	50.016	ug/l	100
18) Methyl Acetate	2.78	43	289642	51.008	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	701564	50.611	ug/l	99
20) Methylene Chloride	2.86	84	237756	53.449	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	222817	48.885	ug/l	99
22) Diisopropyl ether	3.87	45	647961	50.527	ug/l	97
23) Vinyl Acetate	3.82	43	2541370	238.813	ug/l	99
24) 1,1-Dichloroethane	3.70	63	362180	49.179	ug/l	99
25) 2-Butanone	4.70	43	810446	261.368	ug/l	98
26) 2,2-Dichloropropane	4.59	77	246189	43.896	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	240954	48.400	ug/l	98
28) Bromochloromethane	5.02	49	165044	48.733	ug/l	98
29) Tetrahydrofuran	5.15	42	528836	271.173	ug/l	99
30) Chloroform	5.21	83	388060	50.497	ug/l	100
31) Cyclohexane	5.57	56	325041	49.142	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	330771	50.992	ug/l	99
36) 1,1-Dichloropropene	5.80	75	279173	46.230	ug/l	100
37) Ethyl Acetate	4.85	43	284147	46.547	ug/l	99
38) Carbon Tetrachloride	5.78	117	294776	50.315	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020119\
 Data File : VX007346.D
 Acq On : 01 Feb 2019 19:33
 Operator : JC/SP
 Sample : K1296-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 BP-TT-MW202S-20190129MS

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 9:36:42 AM

Quant Time: Feb 02 04:11:44 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	339411	46.454	ug/l	99
40) Benzene	6.14	78	858845	48.281	ug/l	100
41) Methacrylonitrile	5.06	41	168626	51.541	ug/l	99
42) 1,2-Dichloroethane	6.20	62	297002	48.256	ug/l	100
43) Isopropyl Acetate	6.46	43	460089	48.829	ug/l	100
44) Trichloroethene	7.21	130	254897	47.577	ug/l	97
45) 1,2-Dichloropropane	7.51	63	218418	49.006	ug/l	98
46) Dibromomethane	7.66	93	156383	48.276	ug/l	99
47) Bromodichloromethane	7.90	83	276538	50.372	ug/l	96
48) Methyl methacrylate	7.77	41	252590	53.594	ug/l	100
49) 1,4-Dioxane	7.75	88	112202	1046.502	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1632285	263.153	ug/l	100
52) Toluene	8.79	92	559220	48.725	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	303124	51.403	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	327141	50.446	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	232914	48.685	ug/l	98
56) Ethyl methacrylate	9.18	69	341403	51.524	ug/l	100
57) 1,3-Dichloropropane	9.37	76	374614	49.239	ug/l	100
59) 2-Hexanone	9.49	43	1236398	256.152	ug/l	99
60) Dibromochloromethane	9.58	129	245802	54.325	ug/l	97
61) 1,2-Dibromoethane	9.67	107	254738	50.280	ug/l	99
64) Tetrachloroethene	9.34	164	257427	42.866	ug/l	100
65) Chlorobenzene	10.14	112	652854	46.954	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	233026	49.988	ug/l	99
67) Ethyl Benzene	10.25	91	1077414	48.118	ug/l	98
68) m/p-Xylenes	10.36	106	856781	96.260	ug/l	99
69) o-Xylene	10.70	106	419592	48.991	ug/l	99
70) Styrene	10.71	104	685139	49.326	ug/l	99
71) Bromoform	10.86	173	190372	46.839	ug/l #	98
73) Isopropylbenzene	11.02	105	1111231	49.165	ug/l	99
74) N-amyl acetate	10.90	43	412021	47.130	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	344428	50.003	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	324687m	50.187	ug/l	
77) Bromobenzene	11.26	156	305888	48.033	ug/l	100
78) n-propylbenzene	11.36	91	1260559	50.861	ug/l	100
79) 2-Chlorotoluene	11.42	91	729861	48.532	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	921146	49.816	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	96606	46.480	ug/l	96
82) 4-Chlorotoluene	11.51	91	851348	48.924	ug/l	100
83) tert-Butylbenzene	11.77	119	902741	49.310	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	940046	50.075	ug/l	99
85) sec-Butylbenzene	11.94	105	1111387	50.158	ug/l	99
86) p-Isopropyltoluene	12.06	119	999178	49.955	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	536045	46.903	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	534210	46.072	ug/l	99
89) n-Butylbenzene	12.39	91	835856	48.579	ug/l	100
90) Hexachloroethane	12.60	117	158049	52.797	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	526769	46.314	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72865	50.874	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	360038	46.939	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020119\
Data File : VX007346.D
Acq On : 01 Feb 2019 19:33
Operator : JC/SP
Sample : K1296-04MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations
APPROVED

MMDadoda
2/4/2019 9:36:42 AM

Quant Time: Feb 02 04:11:44 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)
94) Hexachlorobutadiene	13.78	225	169421	45.488	ug/l	98
95) Naphthalene	13.83	128	1124712	50.142	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	361437	46.812	ug/l	100

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

