

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004881.D
 Acq On : 01 Oct 2018 19:56
 Operator : JC/MD
 Sample : J5135-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW502-0913MS

Manual Integrations
 APPROVED

MMDadoda
 10/4/2018 7:07:53 PM

Quant Time: Oct 02 05:04:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	208130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	318368	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	308084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192105	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	162150	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	
35) Dibromofluoromethane	5.50	113	133285	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
50) Toluene-d8	8.72	98	499014	55.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.26%	
62) 4-Bromofluorobenzene	11.14	95	186308	57.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	164672	58.028	ug/l	97
3) Chloromethane	1.32	50	185013	53.737	ug/l	100
4) Vinyl Chloride	1.40	62	182568	56.538	ug/l	100
5) Bromomethane	1.64	94	127589	66.632	ug/l	100
6) Chloroethane	1.71	64	111461	63.989	ug/l	98
7) Trichlorofluoromethane	1.92	101	232542	58.170	ug/l	94
8) Diethyl Ether	2.19	74	93653	53.926	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.37	101	128406	56.389	ug/l	98
10) Methyl Iodide	2.51	142	134408	44.109	ug/l	99
11) Tert butyl alcohol	3.09	59	242257	291.413	ug/l	100
12) 1,1-Dichloroethene	2.37	96	124629	55.264	ug/l	96
13) Acrolein	2.29	56	105587	178.513	ug/l	97
14) Allyl chloride	2.72	41	283160	57.546	ug/l	94
15) Acrylonitrile	3.15	53	533456	291.499	ug/l	99
16) Acetone	2.45	43	472318	272.108	ug/l	98
17) Carbon Disulfide	2.56	76	357138	52.703	ug/l	99
18) Methyl Acetate	2.78	43	266321	60.558	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	460028	59.139	ug/l	97
20) Methylene Chloride	2.85	84	146846	58.326	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	133958	54.263	ug/l	96
22) Diisopropyl ether	3.87	45	475373	57.372	ug/l	95
23) Vinyl Acetate	3.82	43	2040537	269.041	ug/l	96
24) 1,1-Dichloroethane	3.69	63	260443	52.694	ug/l	99
25) 2-Butanone	4.71	43	718769	280.924	ug/l	95
26) 2,2-Dichloropropane	4.58	77	171319	49.776	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	147243	53.391	ug/l	95
28) Bromochloromethane	5.02	49	121252	52.095	ug/l	89
29) Tetrahydrofuran	5.16	42	471732	296.640	ug/l	92
30) Chloroform	5.21	83	253462	54.260	ug/l	98
31) Cyclohexane	5.57	56	220597	58.314	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	215177	56.405	ug/l	99
36) 1,1-Dichloropropene	5.80	75	180550	49.044	ug/l	99
37) Ethyl Acetate	4.86	43	241682	49.458	ug/l	98
38) Carbon Tetrachloride	5.78	117	187529	48.460	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004881.D
 Acq On : 01 Oct 2018 19:56
 Operator : JC/MD
 Sample : J5135-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW502-0913MS

Manual Integrations
 APPROVED

MMDadoda
 10/4/2018 7:07:53 PM

Quant Time: Oct 02 05:04:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	209484	55.728	ug/l	94
40) Benzene	6.14	78	563609	48.902	ug/l	99
41) Methacrylonitrile	5.06	41	140882	51.986	ug/l	96
42) 1,2-Dichloroethane	6.20	62	202571	49.719	ug/l	97
43) Isopropyl Acetate	6.46	43	358458	50.823	ug/l	96
44) Trichloroethene	7.21	130	148528	52.423	ug/l	92
45) 1,2-Dichloropropane	7.52	63	154601	54.700	ug/l	99
46) Dibromomethane	7.66	93	98388	55.391	ug/l	98
47) Bromodichloromethane	7.90	83	189078	56.855	ug/l	99
48) Methyl methacrylate	7.78	41	196887	61.502	ug/l	94
49) 1,4-Dioxane	7.76	88	92839	1167.300	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1349524	303.880	ug/l	95
52) Toluene	8.79	92	353228	55.777	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	208821	55.566	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	220605	56.044	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	148776	53.632	ug/l	95
56) Ethyl methacrylate	9.18	69	230107	51.054	ug/l	94
57) 1,3-Dichloropropane	9.37	76	248304	53.782	ug/l	99
59) 2-Hexanone	9.50	43	1080416	291.945	ug/l	94
60) Dibromochloromethane	9.59	129	152517	54.976	ug/l	100
61) 1,2-Dibromoethane	9.68	107	153773	51.761	ug/l	100
64) Tetrachloroethene	9.34	164	141796	46.763	ug/l	98
65) Chlorobenzene	10.14	112	394892	49.985	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	144337	51.969	ug/l	99
67) Ethyl Benzene	10.26	91	672098	53.586	ug/l	98
68) m/p-Xylenes	10.36	106	526510	107.424	ug/l	96
69) o-Xylene	10.70	106	253159	56.236	ug/l	97
70) Styrene	10.71	104	431393	51.183	ug/l	97
71) Bromoform	10.86	173	128063	53.859	ug/l	99
73) Isopropylbenzene	11.02	105	675321	55.772	ug/l	99
74) N-amyl acetate	10.90	43	320428	48.210	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	250916	50.906	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	223846m	51.987	ug/l	
77) Bromobenzene	11.26	156	183474	52.167	ug/l	97
78) n-propylbenzene	11.36	91	777176	55.939	ug/l	99
79) 2-Chlorotoluene	11.42	91	466313	53.847	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	575826	51.893	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	71125	45.249	ug/l	99
82) 4-Chlorotoluene	11.51	91	552361	54.190	ug/l	99
83) tert-Butylbenzene	11.77	119	563985	56.572	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	599827	52.419	ug/l	98
85) sec-Butylbenzene	11.95	105	683844	56.315	ug/l	98
86) p-Isopropyltoluene	12.07	119	611186	55.554	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	336149	51.185	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	342140	50.467	ug/l	99
89) n-Butylbenzene	12.39	91	539719	54.017	ug/l	98
90) Hexachloroethane	12.60	117	98557	53.805	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	345782	50.382	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	59388	54.874	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	253641	52.684	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
Data File : VX004881.D
Acq On : 01 Oct 2018 19:56
Operator : JC/MD
Sample : J5135-02MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-TW502-0913MS

Manual Integrations
APPROVED

MMDadoda
10/4/2018 7:07:53 PM

Quant Time: Oct 02 05:04:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	121375	48.618	ug/l	97
95) Naphthalene	13.83	128	831289	51.994	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	265946	53.474	ug/l	98

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

