

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006155.D
 Acq On : 22 Nov 2018 06:16
 Operator : JC/MD
 Sample : J6047-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-MW-101MS

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 9:48:58 AM

Quant Time: Nov 22 06:42:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	408727	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	385104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214711	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	166498	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
35) Dibromofluoromethane	5.50	113	136049	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
50) Toluene-d8	8.71	98	514408	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
62) 4-Bromofluorobenzene	11.14	95	190220	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	103366	49.915	ug/l	98
3) Chloromethane	1.32	50	123296	47.132	ug/l	98
4) Vinyl Chloride	1.41	62	128267	48.205	ug/l	97
5) Bromomethane	1.64	94	86240	42.724	ug/l	98
6) Chloroethane	1.72	64	76948	60.758	ug/l	97
7) Trichlorofluoromethane	1.93	101	176691	50.760	ug/l	97
8) Diethyl Ether	2.19	74	73350	49.849	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	100175	48.532	ug/l	99
10) Methyl Iodide	2.51	142	118712	45.873	ug/l	99
11) Tert butyl alcohol	3.06	59	138721	201.947	ug/l	99
12) 1,1-Dichloroethene	2.37	96	95665	47.542	ug/l	98
13) Acrolein	2.29	56	91994	223.805	ug/l	99
14) Allyl chloride	2.73	41	192673	46.802	ug/l	98
15) Acrylonitrile	3.15	53	351347	231.570	ug/l	99
16) Acetone	2.45	43	314989	219.826	ug/l	100
17) Carbon Disulfide	2.57	76	283849	52.242	ug/l	99
18) Methyl Acetate	2.78	43	159901	43.516	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	360390	51.815	ug/l	99
20) Methylene Chloride	2.86	84	111219	51.290	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	107956	51.277	ug/l	99
22) Diisopropyl ether	3.87	45	462247	52.451	ug/l	96
23) Vinyl Acetate	3.82	43	1712872	234.273	ug/l	99
24) 1,1-Dichloroethane	3.70	63	215004	51.785	ug/l	99
25) 2-Butanone	4.70	43	605133	227.522	ug/l	100
26) 2,2-Dichloropropane	4.59	77	130944	38.266	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	145015	49.282	ug/l	99
28) Bromochloromethane	5.01	49	129070	53.338	ug/l	98
29) Tetrahydrofuran	5.15	42	399021	240.498	ug/l	99
30) Chloroform	5.21	83	250359	49.760	ug/l	98
31) Cyclohexane	5.58	56	218248	50.324	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	212304	52.258	ug/l	99
36) 1,1-Dichloropropene	5.80	75	183444	49.334	ug/l	98
37) Ethyl Acetate	4.85	43	201871	42.197	ug/l	100
38) Carbon Tetrachloride	5.79	117	181958	52.062	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	212592	50.185	ug/l	98
40) Benzene	6.15	78	549249	50.136	ug/l	99
41) Methacrylonitrile	5.06	41	128643	48.795	ug/l	99
42) 1,2-Dichloroethane	6.20	62	205824	50.254	ug/l	100
43) Isopropyl Acetate	6.46	43	318001	46.028	ug/l	99
44) Trichloroethene	7.21	130	149152	48.986	ug/l	100
45) 1,2-Dichloropropane	7.52	63	148648	51.271	ug/l	100
46) Dibromomethane	7.66	93	98798	49.760	ug/l	99
47) Bromodichloromethane	7.90	83	187929	51.176	ug/l	98
48) Methyl methacrylate	7.77	41	183211	52.288	ug/l	99
49) 1,4-Dioxane	7.75	88	65629	789.484	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1232533	248.849	ug/l	100
52) Toluene	8.79	92	353715	52.201	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	190256	49.649	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	204230	48.210	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	147072	50.116	ug/l	97
56) Ethyl methacrylate	9.18	69	215732	47.368	ug/l	99
57) 1,3-Dichloropropane	9.37	76	244304	50.506	ug/l	100
59) 2-Hexanone	9.49	43	956183	243.260	ug/l	100
60) Dibromochloromethane	9.59	129	150333	52.251	ug/l	100
61) 1,2-Dibromoethane	9.67	107	155684	51.495	ug/l	99
64) Tetrachloroethene	9.34	164	154412	48.723	ug/l	99
65) Chlorobenzene	10.14	112	399453	50.568	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	140690	51.878	ug/l	100
67) Ethyl Benzene	10.25	91	693191	53.595	ug/l	100
68) m/p-Xylenes	10.36	106	536026	106.430	ug/l	100
69) o-Xylene	10.70	106	260041	54.054	ug/l	97
70) Styrene	10.71	104	427342	54.480	ug/l	99
71) Bromoform	10.86	173	122236	50.354	ug/l	99
73) Isopropylbenzene	11.02	105	697300	53.675	ug/l	100
74) N-amyl acetate	10.90	43	273558	41.691	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	238960	48.809	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	219672m	49.695	ug/l	
77) Bromobenzene	11.26	156	185103	50.862	ug/l	99
78) n-propylbenzene	11.36	91	813810	53.790	ug/l	100
79) 2-Chlorotoluene	11.42	91	479389	52.375	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	590628	53.923	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57229	43.788	ug/l	99
82) 4-Chlorotoluene	11.51	91	560380	52.462	ug/l	99
83) tert-Butylbenzene	11.77	119	580164	54.257	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	604351	54.092	ug/l	99
85) sec-Butylbenzene	11.94	105	708265	54.152	ug/l	99
86) p-Isopropyltoluene	12.07	119	631760	54.176	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	340818	50.791	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	342182	49.191	ug/l	99
89) n-Butylbenzene	12.39	91	550140	52.106	ug/l	99
90) Hexachloroethane	12.60	117	98600	52.985	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	345141	50.310	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54424	47.907	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	245026	50.701	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	112028	47.564	ug/l	99
95) Naphthalene	13.83	128	770669	54.231	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	254776	51.711	ug/l	99

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

