

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006162.D
 Acq On : 22 Nov 2018 09:22
 Operator : JC/MD
 Sample : J6030-03MSD 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DTW-03MSD

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 9:49:34 AM

Quant Time: Nov 22 23:26:46 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	261631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	398975	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	367149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202081	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	176950	58.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.74%	
35) Dibromofluoromethane	5.50	113	143395	55.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.98%	
50) Toluene-d8	8.71	98	503971	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
62) 4-Bromofluorobenzene	11.13	95	189881	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	90380	46.487	ug/l	100
3) Chloromethane	1.32	50	148423	60.433	ug/l	98
4) Vinyl Chloride	1.41	62	127088	50.872	ug/l	96
5) Bromomethane	1.64	94	67171	36.077	ug/l	97
6) Chloroethane	1.72	64	144033	96.789	ug/l	95
7) Trichlorofluoromethane	1.93	101	161694	49.477	ug/l	99
8) Diethyl Ether	2.19	74	75428	54.600	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	87733	45.273	ug/l	99
10) Methyl Iodide	2.51	142	105562	43.448	ug/l	100
11) Tert butyl alcohol	3.06	59	181884	282.028	ug/l	97
12) 1,1-Dichloroethene	2.37	96	91498	48.433	ug/l	100
13) Acrolein	2.29	56	29023	75.207	ug/l	98
14) Allyl chloride	2.73	41	198361	51.322	ug/l	# 83
15) Acrylonitrile	3.15	53	390782	274.337	ug/l	99
16) Acetone	2.45	43	400660	297.826	ug/l	99
17) Carbon Disulfide	2.57	76	10803830	2117.963	ug/l	98
18) Methyl Acetate	2.78	43	200934	58.244	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	383489	58.728	ug/l	99
20) Methylene Chloride	2.86	84	116219	57.126	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	103809	52.519	ug/l	94
22) Diisopropyl ether	3.87	45	491655	59.422	ug/l	92
23) Vinyl Acetate	3.82	43	2182613	317.965	ug/l	100
24) 1,1-Dichloroethane	3.70	63	211381	54.228	ug/l	99
25) 2-Butanone	4.70	43	697507	279.335	ug/l	100
26) 2,2-Dichloropropane	4.59	77	124474	38.744	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	147717	53.470	ug/l	98
28) Bromochloromethane	5.02	49	130556	57.467	ug/l	97
29) Tetrahydrofuran	5.15	42	445983	286.311	ug/l	100
30) Chloroform	5.21	83	254452	53.867	ug/l	99
31) Cyclohexane	5.57	56	183227	45.001	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	207309	54.353	ug/l	99
36) 1,1-Dichloropropene	5.80	75	167792	46.228	ug/l	99
37) Ethyl Acetate	4.85	43	254567	54.513	ug/l	100
38) Carbon Tetrachloride	5.79	117	173604	50.886	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	178852	43.252	ug/l	97
40) Benzene	6.14	78	590212	55.192	ug/l	99
41) Methacrylonitrile	5.06	41	137706	53.510	ug/l	99
42) 1,2-Dichloroethane	6.20	62	212757	53.216	ug/l	100
43) Isopropyl Acetate	6.46	43	384427	57.003	ug/l	99
44) Trichloroethene	7.21	130	142004	47.778	ug/l	98
45) 1,2-Dichloropropane	7.52	63	151529	53.543	ug/l	97
46) Dibromomethane	7.66	93	104631	53.986	ug/l	100
47) Bromodichloromethane	7.90	83	200017	55.799	ug/l	99
48) Methyl methacrylate	7.77	41	203005	59.353	ug/l	99
49) 1,4-Dioxane	7.75	88	81593	1005.514	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1357542	280.788	ug/l	100
52) Toluene	8.79	92	350736	53.026	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	199385	53.303	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	209186	50.587	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	153605	53.622	ug/l	96
56) Ethyl methacrylate	9.18	69	235390	52.610	ug/l	98
57) 1,3-Dichloropropane	9.37	76	254041	53.803	ug/l	100
59) 2-Hexanone	9.49	43	1073311	279.733	ug/l	100
60) Dibromochloromethane	9.59	129	161828	57.621	ug/l	99
61) 1,2-Dibromoethane	9.67	107	164211	55.643	ug/l	100
64) Tetrachloroethene	9.34	164	120207	39.785	ug/l	98
65) Chlorobenzene	10.14	112	385628	51.205	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	145957	56.452	ug/l	99
67) Ethyl Benzene	10.25	91	648773	52.613	ug/l	99
68) m/p-Xylenes	10.36	106	519108	108.111	ug/l	99
69) o-Xylene	10.70	106	254458	55.480	ug/l	99
70) Stvrene	10.71	104	392412	52.473	ug/l	98
71) Bromoform	10.86	173	135104	58.376	ug/l #	99
73) Isopropylbenzene	11.02	105	634307	51.878	ug/l	99
74) N-amyl acetate	10.90	43	353134	56.368	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	261488	56.748	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	233559m	56.138	ug/l	
77) Bromobenzene	11.26	156	182944	53.411	ug/l	99
78) n-propylbenzene	11.36	91	731701	51.386	ug/l	100
79) 2-Chlorotoluene	11.42	91	445810	51.751	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	543699	52.741	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57920	47.086	ug/l	95
82) 4-Chlorotoluene	11.51	91	527045	52.425	ug/l	100
83) tert-Butylbenzene	11.77	119	547955	54.447	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	579296	55.090	ug/l	100
85) sec-Butylbenzene	11.94	105	627659	50.988	ug/l	100
86) p-Isopropyltoluene	12.06	119	568356	51.785	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	323445	51.215	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	329839	50.380	ug/l	100
89) n-Butylbenzene	12.39	91	498318	50.148	ug/l	99
90) Hexachloroethane	12.60	117	93863	53.592	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	336284	52.083	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	63120	59.034	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	250004	54.964	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	105941	47.791	ug/l	99
95) Naphthalene	13.83	128	1228866	91.878	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	258022	55.643	ug/l	99

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

