

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006157.D
 Acq On : 22 Nov 2018 07:09
 Operator : JC/MD
 Sample : J6031-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VTW-02MS

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 9:49:08 AM

Quant Time: Nov 22 22:54:38 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	5.66	168	276620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	417655	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	396632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215168	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	174389	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
35) Dibromofluoromethane	5.50	113	140817	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
50) Toluene-d8	8.71	98	538004	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
62) 4-Bromofluorobenzene	11.14	95	195192	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	101954	49.598	ug/l	98
3) Chloromethane	1.32	50	130534	50.269	ug/l	99
4) Vinyl Chloride	1.41	62	135013	51.116	ug/l	98
5) Bromomethane	1.64	94	96502	47.690	ug/l	98
6) Chloroethane	1.72	64	83175	64.575	ug/l	99
7) Trichlorofluoromethane	1.93	101	179729	52.015	ug/l	99
8) Diethyl Ether	2.19	74	74354	50.906	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	99157	48.395	ug/l	100
10) Methyl Iodide	2.51	142	133369	51.919	ug/l	99
11) Tert butyl alcohol	3.06	59	150165	220.228	ug/l	99
12) 1,1-Dichloroethene	2.37	96	99567	49.848	ug/l	97
13) Acrolein	2.29	56	96847	237.360	ug/l	99
14) Allyl chloride	2.73	41	204802	50.117	ug/l	99
15) Acrylonitrile	3.15	53	372820	247.545	ug/l	99
16) Acetone	2.45	43	337238	237.099	ug/l	98
17) Carbon Disulfide	2.57	76	295568	54.803	ug/l	98
18) Methyl Acetate	2.78	43	172073	47.175	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	374744	54.279	ug/l	99
20) Methylene Chloride	2.86	84	115918	53.871	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	109634	52.461	ug/l	94
22) Diisopropyl ether	3.87	45	482465	55.152	ug/l	95
23) Vinyl Acetate	3.82	43	1848351	254.678	ug/l	99
24) 1,1-Dichloroethane	3.70	63	214386	52.019	ug/l	99
25) 2-Butanone	4.70	43	645784	244.608	ug/l	99
26) 2,2-Dichloropropane	4.59	77	133567	39.322	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	149265	51.103	ug/l	99
28) Bromochloromethane	5.02	49	129988	54.116	ug/l	98
29) Tetrahydrofuran	5.15	42	423569	257.188	ug/l	100
30) Chloroform	5.21	83	255268	51.112	ug/l	96
31) Cyclohexane	5.57	56	219348	50.953	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	220566	54.695	ug/l	99
36) 1,1-Dichloropropene	5.80	75	187054	49.230	ug/l	99
37) Ethyl Acetate	4.85	43	220412	45.088	ug/l	99
38) Carbon Tetrachloride	5.78	117	189622	53.095	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	207837	48.013	ug/l	100
40) Benzene	6.14	78	569348	50.860	ug/l	100
41) Methacrylonitrile	5.06	41	134909	50.078	ug/l	99
42) 1,2-Dichloroethane	6.20	62	210085	50.197	ug/l	99
43) Isopropyl Acetate	6.46	43	344433	48.788	ug/l	99
44) Trichloroethene	7.21	130	152268	48.940	ug/l	97
45) 1,2-Dichloropropane	7.52	63	154949	52.302	ug/l	99
46) Dibromomethane	7.66	93	102090	50.319	ug/l	99
47) Bromodichloromethane	7.90	83	197299	52.579	ug/l	99
48) Methyl methacrylate	7.77	41	195087	54.487	ug/l	99
49) 1,4-Dioxane	7.75	88	69053	812.916	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1292391	255.357	ug/l	100
52) Toluene	8.79	92	364557	52.651	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	200446	51.190	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	210956	48.733	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	152516	50.861	ug/l	97
56) Ethyl methacrylate	9.18	69	226706	48.632	ug/l	99
57) 1,3-Dichloropropane	9.37	76	252764	51.138	ug/l	100
59) 2-Hexanone	9.49	43	1013048	252.218	ug/l	99
60) Dibromochloromethane	9.58	129	157442	53.552	ug/l	99
61) 1,2-Dibromoethane	9.67	107	160140	51.837	ug/l	99
64) Tetrachloroethene	9.34	164	135404	41.484	ug/l	99
65) Chlorobenzene	10.14	112	409949	50.388	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	146693	52.519	ug/l	100
67) Ethyl Benzene	10.25	91	704077	52.854	ug/l	100
68) m/p-Xylenes	10.36	106	546057	105.270	ug/l	100
69) o-Xylene	10.70	106	262276	52.934	ug/l	99
70) Styrene	10.71	104	438048	54.221	ug/l	100
71) Bromoform	10.86	173	128961	51.580	ug/l	98
73) Isopropylbenzene	11.02	105	711985	54.689	ug/l	100
74) N-amyl acetate	10.90	43	300247	45.453	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	251158	51.191	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	228601m	51.605	ug/l	
77) Bromobenzene	11.26	156	189620	51.993	ug/l	99
78) n-propylbenzene	11.36	91	820444	54.113	ug/l	99
79) 2-Chlorotoluene	11.42	91	483837	52.749	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	597824	54.464	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	60744	46.378	ug/l	100
82) 4-Chlorotoluene	11.51	91	570140	53.263	ug/l	99
83) tert-Butylbenzene	11.77	119	606876	56.634	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	619902	55.366	ug/l	99
85) sec-Butylbenzene	11.94	105	715270	54.571	ug/l	99
86) p-Isopropyltoluene	12.07	119	630626	53.964	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	345426	51.369	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	349672	50.161	ug/l	99
89) n-Butylbenzene	12.39	91	545375	51.545	ug/l	99
90) Hexachloroethane	12.60	117	105891	56.782	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	350860	51.035	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	57173	50.219	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	249435	51.504	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	114750	48.616	ug/l	99
95) Naphthalene	13.83	128	817601	57.411	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	252967	51.235	ug/l	99

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

