

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002555.D
 Acq On : 14 Jun 2018 16:46
 Operator : JC/MD
 Sample : J3406-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180606MS

Manual Integrations
 APPROVED

MMDadoda
 6/15/2018 1:11:53 PM

Quant Time: Jun 15 02:11:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	366563	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	221493	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	169456	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
35) Dibromofluoromethane	5.51	113	134335	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
50) Toluene-d8	8.72	98	488849	44.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.48%	
62) 4-Bromofluorobenzene	11.14	95	190506	44.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	107165	41.830	ug/l	99
3) Chloromethane	1.32	50	129206	43.651	ug/l	98
4) Vinyl Chloride	1.40	62	165576	51.280	ug/l	99
5) Bromomethane	1.64	94	83465	45.369	ug/l	99
6) Chloroethane	1.71	64	96899	46.394	ug/l	98
7) Trichlorofluoromethane	1.92	101	243551	49.507	ug/l	97
8) Diethyl Ether	2.19	74	95033	54.579	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	132473	49.899	ug/l	99
10) Methyl Iodide	2.51	142	165465	44.312	ug/l	98
11) Tert butyl alcohol	3.09	59	199992	279.200	ug/l	98
12) 1,1-Dichloroethene	2.37	96	125944	48.004	ug/l	98
13) Acrolein	2.29	56	57110	159.680	ug/l	98
14) Allyl chloride	2.73	41	246930	43.369	ug/l	100
15) Acrylonitrile	3.15	53	413924	277.010	ug/l	100
16) Acetone	2.45	43	394821	261.358	ug/l	100
17) Carbon Disulfide	2.57	76	287755	41.613	ug/l	99
18) Methyl Acetate	2.78	43	192173	54.682	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	509819	56.093	ug/l	99
20) Methylene Chloride	2.86	84	148369	53.433	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	137135	47.398	ug/l	97
22) Diisopropyl ether	3.88	45	489045	51.457	ug/l	100
23) Vinyl Acetate	3.83	43	2021897	219.054	ug/l	100
24) 1,1-Dichloroethane	3.70	63	263756	46.870	ug/l	99
25) 2-Butanone	4.71	43	568944	235.447	ug/l	96
26) 2,2-Dichloropropane	4.59	77	123017	27.966	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	186689	59.332	ug/l	90
28) Bromochloromethane	5.03	49	127281	53.425	ug/l	96
29) Tetrahydrofuran	5.17	42	371615	238.524	ug/l	99
30) Chloroform	5.22	83	262516	48.344	ug/l	99
31) Cyclohexane	5.58	56	203058	45.632	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	225271	48.916	ug/l	99
36) 1,1-Dichloropropene	5.80	75	179703	46.632	ug/l	99
37) Ethyl Acetate	4.87	43	217201	46.867	ug/l	99
38) Carbon Tetrachloride	5.78	117	195281	48.439	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	196251	41.267	ug/l	97
40) Benzene	6.15	78	552284	46.741	ug/l	99
41) Methacrylonitrile	5.07	41	126167	47.557	ug/l	99
42) 1,2-Dichloroethane	6.20	62	221221	47.123	ug/l	100
43) Isopropyl Acetate	6.47	43	371541	47.200	ug/l	100
44) Trichloroethene	7.21	130	155796	47.508	ug/l	97
45) 1,2-Dichloropropane	7.52	63	150605	47.213	ug/l	100
46) Dibromomethane	7.67	93	102962	47.614	ug/l	99
47) Bromodichloromethane	7.90	83	189497	48.453	ug/l	97
48) Methyl methacrylate	7.78	41	190690	48.227	ug/l	99
49) 1,4-Dioxane	7.76	88	74805	1011.835	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1210109	246.860	ug/l	99
52) Toluene	8.79	92	363479	48.367	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	208541	44.465	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	199769	45.147	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	149115	48.243	ug/l	99
56) Ethyl methacrylate	9.18	69	241539	48.947	ug/l	98
57) 1,3-Dichloropropane	9.38	76	249208	48.060	ug/l	99
59) 2-Hexanone	9.50	43	935409	247.049	ug/l	99
60) Dibromochloromethane	9.59	129	158766	51.067	ug/l	100
61) 1,2-Dibromoethane	9.68	107	158659	49.230	ug/l	100
64) Tetrachloroethene	9.34	164	146318	40.373	ug/l	99
65) Chlorobenzene	10.14	112	418838	47.901	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	156613	49.466	ug/l	100
67) Ethyl Benzene	10.26	91	711820	48.645	ug/l	99
68) m/p-Xylenes	10.37	106	544791	95.775	ug/l	99
69) o-Xylene	10.70	106	273508	48.317	ug/l	98
70) Styrene	10.71	104	454978	49.166	ug/l	99
71) Bromoform	10.86	173	126136	44.866	ug/l #	98
73) Isopropylbenzene	11.02	105	733984	47.636	ug/l	100
74) N-amyl acetate	6.47	43	371541	44.751	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	238539	49.223	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	199097m	40.965	ug/l	
77) Bromobenzene	11.26	156	205833	47.584	ug/l	99
78) n-propylbenzene	11.37	91	835828	48.805	ug/l	99
79) 2-Chlorotoluene	11.43	91	499196	46.163	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	621356	47.016	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	51823	37.377	ug/l	98
82) 4-Chlorotoluene	11.51	91	589542	47.232	ug/l	99
83) tert-Butylbenzene	11.77	119	642367	49.914	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	636978m	46.822	ug/l	
85) sec-Butylbenzene	11.95	105	744416	49.341	ug/l	99
86) p-Isopropyltoluene	12.07	119	674756	49.100	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	372049	48.103	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	381165	47.812	ug/l	99
89) n-Butylbenzene	12.39	91	580672	50.381	ug/l	100
90) Hexachloroethane	12.60	117	107265	48.897	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	381745	47.704	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55784	52.639	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	283998	50.613	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	135338	48.810	ug/l	99
95) Naphthalene	13.84	128	831895	51.600	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	289435	50.578	ug/l	100

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

