

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102618\
 Data File : VX005620.D
 Acq On : 26 Oct 2018 22:02
 Operator : JC/MD
 Sample : J5690-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MS

Manual Integrations
 APPROVED

MMDadoda
 10/29/2018 12:43:30 PM

Quant Time: Oct 27 05:53:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	217757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	317683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	296568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169155	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	134642	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
35) Dibromofluoromethane	5.49	113	109340	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	8.71	98	392115	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	11.14	95	148171	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	134112	62.396	ug/l	99
3) Chloromethane	1.32	50	148614	54.294	ug/l	98
4) Vinyl Chloride	1.41	62	153073	56.874	ug/l	95
5) Bromomethane	1.64	94	84787	50.627	ug/l	100
6) Chloroethane	1.71	64	85572	49.769	ug/l	100
7) Trichlorofluoromethane	1.92	101	198012	52.947	ug/l	96
8) Diethyl Ether	2.19	74	78753	52.767	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	108296	50.470	ug/l	99
10) Methyl Iodide	2.51	142	152045	66.875	ug/l	98
11) Tert butyl alcohol	3.07	59	174853	244.448	ug/l	100
12) 1,1-Dichloroethene	2.37	96	105034	51.384	ug/l	85
13) Acrolein	2.29	56	84086	230.449	ug/l	97
14) Allyl chloride	2.73	41	238130	52.199	ug/l	96
15) Acrylonitrile	3.15	53	404079	251.924	ug/l	99
16) Acetone	2.45	43	364941	259.819	ug/l	99
17) Carbon Disulfide	2.57	76	315942	50.704	ug/l	99
18) Methyl Acetate	2.78	43	176118	50.779	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	383408	52.583	ug/l #	90
20) Methylene Chloride	2.86	84	123910	52.673	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	108973	48.827	ug/l	98
22) Diisopropyl ether	3.86	45	426248	53.504	ug/l #	88
23) Vinyl Acetate	3.83	43	1740874	248.122	ug/l	97
24) 1,1-Dichloroethane	3.70	63	221973	51.249	ug/l	99
25) 2-Butanone	4.70	43	537708	251.392	ug/l	99
26) 2,2-Dichloropropane	4.58	77	140247	41.941	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	121752	50.602	ug/l	98
28) Bromochloromethane	5.02	49	101171	48.295	ug/l	94
29) Tetrahydrofuran	5.15	42	350863	252.064	ug/l	96
30) Chloroform	5.22	83	207723	51.271	ug/l	93
31) Cyclohexane	5.57	56	185976	51.896	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	175021	48.945	ug/l	99
36) 1,1-Dichloropropene	5.79	75	155528	50.447	ug/l	97
37) Ethyl Acetate	4.86	43	186265	47.346	ug/l	100
38) Carbon Tetrachloride	5.79	117	158077	48.683	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	171230	50.298	ug/l	96
40) Benzene	6.15	78	470731	53.264	ug/l	99
41) Methacrylonitrile	5.06	41	111771	51.003	ug/l	98
42) 1,2-Dichloroethane	6.20	62	167322	49.838	ug/l	99
43) Isopropyl Acetate	6.46	43	286528	48.603	ug/l	97
44) Trichloroethene	7.21	130	114654	47.621	ug/l	92
45) 1,2-Dichloropropane	7.52	63	119006	50.086	ug/l	98
46) Dibromomethane	7.66	93	75548	49.230	ug/l	98
47) Bromodichloromethane	7.90	83	147579	49.549	ug/l	97
48) Methyl methacrylate	7.77	41	150546	52.419	ug/l	99
49) 1,4-Dioxane	7.75	88	55648	886.641	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1002949	253.139	ug/l	99
52) Toluene	8.79	92	274671	51.139	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	165630	51.454	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	171088	49.366	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	110991	49.014	ug/l	96
56) Ethyl methacrylate	9.18	69	182682	54.085	ug/l	99
57) 1,3-Dichloropropane	9.37	76	189746	49.521	ug/l	99
59) 2-Hexanone	9.50	43	803671	257.268	ug/l	99
60) Dibromochloromethane	9.59	129	120637	51.060	ug/l	98
61) 1,2-Dibromoethane	9.67	107	118586	50.619	ug/l	100
64) Tetrachloroethene	9.34	164	106998	43.461	ug/l	99
65) Chlorobenzene	10.14	112	308317	48.821	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	112878	49.019	ug/l	99
67) Ethyl Benzene	10.25	91	852513	82.048	ug/l	100
68) m/p-Xylenes	10.36	106	412869	102.419	ug/l	100
69) o-Xylene	10.70	106	205624	54.217	ug/l	99
70) Styrene	10.71	104	328190	51.692	ug/l	99
71) Bromoform	10.86	173	100568	48.943	ug/l	98
73) Isopropylbenzene	11.02	105	832944	80.554	ug/l	99
74) N-amyl acetate	10.90	43	250108	48.815	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	190321	49.890	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	173623m	48.444	ug/l	
77) Bromobenzene	11.26	156	144627	50.188	ug/l	98
78) n-propylbenzene	11.36	91	830222	70.218	ug/l	99
79) 2-Chlorotoluene	11.42	91	370170	50.494	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	464912	52.559	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52183	47.575	ug/l	98
82) 4-Chlorotoluene	11.51	91	439907	50.889	ug/l	99
83) tert-Butylbenzene	11.77	119	471265	53.448	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	617572	68.888	ug/l	100
85) sec-Butylbenzene	11.94	105	561695	53.387	ug/l	99
86) p-Isopropyltoluene	12.07	119	499654	53.125	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	266662	49.209	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	271184	47.942	ug/l	100
89) n-Butylbenzene	12.39	91	465281	54.798	ug/l	97
90) Hexachloroethane	12.60	117	87239	53.780	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	271670	49.552	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48507	52.589	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	207127	52.117	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	98079	47.621	ug/l	99
95) Naphthalene	13.83	128	772903	66.904	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	210092	52.149	ug/l	99

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

