

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002514.D
 Acq On : 13 Jun 2018 17:48
 Operator : JC/MD
 Sample : VX0613WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2018 11:29:26 AM

Quant Time: Jun 14 02:31:02 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	202306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	283737	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	275544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	173948	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	127412	43.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.20%	
35) Dibromofluoromethane	5.51	113	97195	43.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.12%	
50) Toluene-d8	8.72	98	366194	42.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.64%	
62) 4-Bromofluorobenzene	11.14	95	135967	41.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	37346	17.758	ug/l	99
3) Chloromethane	1.32	50	42548	15.686	ug/l	98
4) Vinyl Chloride	1.40	62	47599	17.959	ug/l	100
5) Bromomethane	1.64	94	27493	16.064	ug/l	99
6) Chloroethane	1.73	64	31193	18.194	ug/l	100
7) Trichlorofluoromethane	1.93	101	82531	20.437	ug/l	99
8) Diethyl Ether	2.19	74	31485	20.527	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49742	22.825	ug/l	98
10) Methyl Iodide	2.51	142	49098	16.018	ug/l	98
11) Tert butyl alcohol	3.07	59	65758	98.950	ug/l	99
12) 1,1-Dichloroethene	2.37	96	40903	18.992	ug/l	99
13) Acrolein	2.29	56	17929	54.799	ug/l	98
14) Allyl chloride	2.73	41	82413	17.633	ug/l	98
15) Acrylonitrile	3.15	53	139879	108.110	ug/l	100
16) Acetone	2.45	43	140349	101.408	ug/l	98
17) Carbon Disulfide	2.57	76	83728	14.750	ug/l	99
18) Methyl Acetate	2.78	43	67478	21.758	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	165847	20.713	ug/l	99
20) Methylene Chloride	2.86	84	48831	19.671	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	44002	18.527	ug/l	97
22) Diisopropyl ether	3.87	45	165254	20.280	ug/l	95
23) Vinyl Acetate	3.82	43	744293	98.233	ug/l	100
24) 1,1-Dichloroethane	3.70	63	89347	19.342	ug/l	99
25) 2-Butanone	4.71	43	174595	88.019	ug/l	100
26) 2,2-Dichloropropane	4.59	77	57862	16.024	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	44874	17.374	ug/l	97
28) Bromochloromethane	5.03	49	37922	16.949	ug/l	98
29) Tetrahydrofuran	5.17	42	109486	85.609	ug/l	98
30) Chloroform	5.21	83	80458	18.050	ug/l	97
31) Cyclohexane	5.58	56	64049	17.534	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	66070	17.477	ug/l	99
36) 1,1-Dichloropropene	5.81	75	54962	18.426	ug/l	98
37) Ethyl Acetate	4.86	43	68094	18.982	ug/l	99
38) Carbon Tetrachloride	5.78	117	56974	18.258	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67948	18.604	ug/l	97
40) Benzene	6.15	78	167547	18.319	ug/l	99
41) Methacrylonitrile	5.07	41	38520	18.758	ug/l	98
42) 1,2-Dichloroethane	6.20	62	70368	19.365	ug/l	100
43) Isopropyl Acetate	6.47	43	110703	18.169	ug/l	100
44) Trichloroethene	7.22	130	48679	19.177	ug/l	98
45) 1,2-Dichloropropane	7.52	63	47086	19.070	ug/l	96
46) Dibromomethane	7.67	93	31986	19.110	ug/l	97
47) Bromodichloromethane	7.90	83	54870	18.125	ug/l	99
48) Methyl methacrylate	7.78	41	56940	18.604	ug/l	97
49) 1,4-Dioxane	7.76	88	22493	393.060	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	365833	96.414	ug/l	100
52) Toluene	8.79	92	109960	18.903	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	64094	17.655	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	58826	17.175	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	47142	19.704	ug/l	97
56) Ethyl methacrylate	9.18	69	69787	18.270	ug/l	99
57) 1,3-Dichloropropane	9.38	76	79244	19.743	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	180893	102.321	ug/l	99
59) 2-Hexanone	9.50	43	280798	95.809	ug/l	100
60) Dibromochloromethane	9.59	129	42761	17.769	ug/l	98
61) 1,2-Dibromoethane	9.68	107	48239	19.337	ug/l	99
64) Tetrachloroethene	9.34	164	55609	19.569	ug/l	95
65) Chlorobenzene	10.14	112	128150	18.691	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	44883	18.079	ug/l	99
67) Ethyl Benzene	10.26	91	217478	18.954	ug/l	100
68) m/p-Xylenes	10.37	106	165923	37.200	ug/l	99
69) o-Xylene	10.70	106	80481	18.132	ug/l	97
70) Styrene	10.71	104	137112	18.896	ug/l	100
71) Bromoform	10.86	173	30660	16.294	ug/l #	98
73) Isopropylbenzene	11.02	105	227228	18.778	ug/l	100
74) N-amyl acetate	6.47	43	110703	16.978	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	69640	18.298	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	69517m	18.213	ug/l	
77) Bromobenzene	11.26	156	61079	17.980	ug/l	100
78) n-propylbenzene	11.37	91	259161	19.269	ug/l	100
79) 2-Chlorotoluene	11.43	91	152749	17.986	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	190969	18.400	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	15536	14.268	ug/l #	85
82) 4-Chlorotoluene	11.51	91	182454	18.613	ug/l	100
83) tert-Butylbenzene	11.77	119	184657	18.270	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	197547	18.490	ug/l	99
85) sec-Butylbenzene	11.95	105	236744	19.981	ug/l	100
86) p-Isopropyltoluene	12.07	119	213211	19.755	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	113275	18.649	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	117602	18.784	ug/l	99
89) n-Butylbenzene	12.39	91	188806	20.859	ug/l	99
90) Hexachloroethane	12.60	117	28196	16.366	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	114910	18.284	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13893	16.693	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	85313	19.360	ug/l	99
94) Hexachlorobutadiene	13.79	225	47867	21.982	ug/l	98
95) Naphthalene	13.84	128	237042	18.722	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	86837	19.322	ug/l	99

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

