

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000943.D
 Acq On : 17 Apr 2018 02:27
 Operator : JC/MD
 Sample : VX0416WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBSD02

Manual Integrations
 APPROVED

MMDadoda
 4/18/2018 2:45:13 PM

Quant Time: Apr 17 07:39:15 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	227870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	310303	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201412	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	147070	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	5.51	113	119870	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	8.72	98	445006	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.14	95	181414	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49704	19.32	ug/l	98
3) Chloromethane	1.32	50	44053	19.97	ug/l	99
4) Vinyl Chloride	1.41	62	50172	20.23	ug/l	99
5) Bromomethane	1.65	94	32766	31.40	ug/l	99
6) Chloroethane	1.73	64	32834	21.84	ug/l	99
7) Trichlorofluoromethane	1.93	101	78186	20.89	ug/l	99
8) Diethyl Ether	2.19	74	30163	21.57	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46776	21.20	ug/l	98
10) Methyl Iodide	2.52	142	29870	22.76	ug/l	98
11) Tert butyl alcohol	3.07	59	47534	93.18	ug/l	99
12) 1,1-Dichloroethene	2.38	96	42255	20.20	ug/l	98
13) Acrolein	2.30	56	10218	41.25	ug/l	99
14) Allyl chloride	2.73	41	76765	19.85	ug/l	99
15) Acrylonitrile	3.15	53	125177	115.10	ug/l	99
16) Acetone	2.45	43	101393	102.33	ug/l	98
17) Carbon Disulfide	2.57	76	101751	16.07	ug/l	100
18) Methyl Acetate	2.78	43	64417	25.12	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	155422	22.31	ug/l	99
20) Methylene Chloride	2.86	84	48580	21.08	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	46376	20.11	ug/l	97
22) Diisopropyl ether	3.88	45	160977	22.65	ug/l	99
23) Vinyl Acetate	3.83	43	674264	108.06	ug/l	98
24) 1,1-Dichloroethane	3.70	63	87953	22.06	ug/l	98
25) 2-Butanone	4.71	43	175030	106.97	ug/l	98
26) 2,2-Dichloropropane	4.59	77	61088	15.43	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	55315	21.13	ug/l	97
28) Bromochloromethane	5.03	49	30874	19.23	ug/l	98
29) Tetrahydrofuran	5.17	42	113815	109.55	ug/l	99
30) Chloroform	5.23	83	93140	22.06	ug/l	99
31) Cyclohexane	5.58	56	74224	19.60	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	81178	20.18	ug/l	99
36) 1,1-Dichloropropene	5.81	75	67813	19.84	ug/l	99
37) Ethyl Acetate	4.87	43	71612	21.47	ug/l	99
38) Carbon Tetrachloride	5.79	117	69576	18.19	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	75285	18.34	ug/l	99
40) Benzene	6.15	78	197423	20.79	ug/l	100
41) Methacrylonitrile	5.07	41	41359	21.46	ug/l	98
42) 1,2-Dichloroethane	6.21	62	77551	21.87	ug/l	99
43) Isopropyl Acetate	6.47	43	118308	20.68	ug/l	99
44) Trichloroethene	7.22	130	60111	20.35	ug/l	97
45) 1,2-Dichloropropane	7.52	63	51697	21.38	ug/l	100
46) Dibromomethane	7.67	93	35565	21.10	ug/l	98
47) Bromodichloromethane	7.90	83	65985	19.39	ug/l	95
48) Methyl methacrylate	7.79	41	62006	20.91	ug/l	99
49) 1,4-Dioxane	7.76	88	18620	312.52	ug/l	94
51) 4-Methyl-2-Pentanone	8.66	43	366366	109.04	ug/l	99
52) Toluene	8.79	92	130512	20.72	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	77348	18.95	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	71700	18.04	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	53888	21.55	ug/l	98
56) Ethyl methacrylate	9.19	69	79966	20.73	ug/l	99
57) 1,3-Dichloropropane	9.38	76	88008	22.13	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	199363	110.60	ug/l	99
59) 2-Hexanone	9.51	43	271792	104.78	ug/l	99
60) Dibromochloromethane	9.59	129	55420	18.52	ug/l	100
61) 1,2-Dibromoethane	9.68	107	56720	21.38	ug/l	99
64) Tetrachloroethene	9.34	164	63066	21.84	ug/l	99
65) Chlorobenzene	10.15	112	155661	20.95	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	54655	19.54	ug/l	99
67) Ethyl Benzene	10.26	91	253535	20.46	ug/l	100
68) m/p-Xylenes	10.37	106	197772	40.45	ug/l	98
69) o-Xylene	10.71	106	96544	20.49	ug/l	99
70) Styrene	10.72	104	163492	20.58	ug/l	100
71) Bromoform	10.87	173	43919	16.96	ug/l #	100
73) Isopropylbenzene	11.02	105	263010	20.58	ug/l	100
74) N-amyl acetate	6.47	43	118308	20.56	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	77909	21.01	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	70814m	20.39	ug/l	
77) Bromobenzene	11.26	156	76242	20.36	ug/l	98
78) n-propylbenzene	11.37	91	298282	20.41	ug/l	99
79) 2-Chlorotoluene	11.43	91	177442	20.54	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	221607	20.17	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	17525	13.88	ug/l #	83
82) 4-Chlorotoluene	11.52	91	213701	20.50	ug/l	100
83) tert-Butylbenzene	11.77	119	226410	20.14	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	230242	20.30	ug/l	99
85) sec-Butylbenzene	11.95	105	264279	19.93	ug/l	99
86) p-Isopropyltoluene	12.07	119	244155	19.74	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	140515	20.27	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	146116	20.57	ug/l	98
89) n-Butylbenzene	12.40	91	208042	19.06	ug/l	100
90) Hexachloroethane	12.60	117	33515	16.01	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	138892	20.76	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15767	16.97	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	112775	19.75	ug/l	100
94) Hexachlorobutadiene	13.79	225	47892	17.06	ug/l	100
95) Naphthalene	13.84	128	296639	20.24	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	109995	19.83	ug/l	99

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

