

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032118\
 Data File : VX000376.D
 Acq On : 21 Mar 2018 11:24
 Operator : JC/MD
 Sample : VX0321WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS01

Manual Integrations
 APPROVED

apatel
 3/22/2018 2:44:21 PM

Quant Time: Mar 22 05:59:51 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	114510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	181764	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	182189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	97808	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	71111	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
35) Dibromofluoromethane	5.51	113	55335	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
50) Toluene-d8	8.73	98	232692	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
62) 4-Bromofluorobenzene	11.15	95	83826	42.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	20152	15.97	ug/l	96
3) Chloromethane	1.32	50	21750	16.36	ug/l	99
4) Vinyl Chloride	1.41	62	23152	16.48	ug/l	95
5) Bromomethane	1.65	94	20489	12.22	ug/l	98
6) Chloroethane	1.73	64	15695	19.44	ug/l	98
7) Trichlorofluoromethane	1.93	101	41343	16.31	ug/l	100
8) Diethyl Ether	2.19	74	14395	15.89	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	23138	16.36	ug/l	98
10) Methyl Iodide	2.52	142	19987	17.32	ug/l	97
11) Tert butyl alcohol	3.06	59	40937	79.62	ug/l	99
12) 1,1-Dichloroethene	2.38	96	20018	16.13	ug/l	95
13) Acrolein	2.30	56	12059	83.75	ug/l	99
14) Allyl chloride	2.73	41	37556	17.07	ug/l	96
15) Acrylonitrile	3.15	53	85134	81.75	ug/l	98
16) Acetone	2.45	43	97046	78.05	ug/l	96
17) Carbon Disulfide	2.58	76	52148	15.80	ug/l	99
18) Methyl Acetate	2.78	43	43498	16.69	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	74536	16.24	ug/l	94
20) Methylene Chloride	2.87	84	22933	15.97	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	21466	15.50	ug/l	92
22) Diisopropyl ether	3.88	45	69590	17.94	ug/l	93
23) Vinyl Acetate	3.83	43	335453	91.20	ug/l	99
24) 1,1-Dichloroethane	3.71	63	41229	16.90	ug/l	99
25) 2-Butanone	4.71	43	111942	80.09	ug/l	97
26) 2,2-Dichloropropane	4.59	77	28838	16.87	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	20234	15.64	ug/l	97
28) Bromochloromethane	5.03	49	16503	16.41	ug/l	99
29) Tetrahydrofuran	5.17	42	67862	78.92	ug/l	98
30) Chloroform	5.23	83	37135	16.24	ug/l	91
31) Cyclohexane	5.58	56	29338	15.56	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	32914	15.96	ug/l	99
36) 1,1-Dichloropropene	5.81	75	27397	16.09	ug/l	98
37) Ethyl Acetate	4.87	43	38032	16.35	ug/l	99
38) Carbon Tetrachloride	5.79	117	27918	15.63	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	35237	17.02	ug/l	97
40) Benzene	6.15	78	80991	16.38	ug/l	99
41) Methacrylonitrile	5.06	41	18809	15.34	ug/l	96
42) 1,2-Dichloroethane	6.21	62	32277	16.64	ug/l	99
43) Isopropyl Acetate	6.48	43	55630	16.07	ug/l	99
44) Trichloroethene	7.22	130	23278	16.43	ug/l	91
45) 1,2-Dichloropropane	7.52	63	21717	17.16	ug/l	92
46) Dibromomethane	7.67	93	16474	16.58	ug/l	95
47) Bromodichloromethane	7.91	83	29549	16.91	ug/l	98
48) Methyl methacrylate	7.79	41	27628	16.44	ug/l	99
49) 1,4-Dioxane	7.77	88	11639	329.45	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	220767	82.39	ug/l	99
52) Toluene	8.79	92	57446	16.62	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	33846	16.71	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	31535	16.05	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	23081	16.24	ug/l	96
56) Ethyl methacrylate	9.19	69	34967	16.23	ug/l	95
57) 1,3-Dichloropropane	9.38	76	39253	17.26	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	85128	82.35	ug/l	99
59) 2-Hexanone	9.51	43	186893	82.14	ug/l	99
60) Dibromochloromethane	9.59	129	23411	16.89	ug/l	98
61) 1,2-Dibromoethane	9.68	107	26144	17.15	ug/l	95
64) Tetrachloroethene	9.34	164	24358	17.23	ug/l	96
65) Chlorobenzene	10.15	112	65436	16.14	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	23263	16.89	ug/l	97
67) Ethyl Benzene	10.26	91	113979	16.58	ug/l	97
68) m/p-Xylenes	10.37	106	86065	31.82	ug/l	99
69) o-Xylene	10.71	106	41409	15.81	ug/l	100
70) Styrene	10.72	104	67470	15.57	ug/l	99
71) Bromoform	10.87	173	18053	16.15	ug/l #	97
73) Isopropylbenzene	11.02	105	114668	17.69	ug/l	100
74) N-amyl acetate	6.48	43	55630	17.56	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	41711	18.20	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	37627m	17.90	ug/l	
77) Bromobenzene	11.26	156	29128	16.87	ug/l	99
78) n-propylbenzene	11.37	91	134000	17.34	ug/l	100
79) 2-Chlorotoluene	11.43	91	75206	16.85	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	94844	17.41	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	10765	16.58	ug/l	93
82) 4-Chlorotoluene	11.52	91	90080	16.90	ug/l	100
83) tert-Butylbenzene	11.78	119	93019	16.93	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	98638	17.27	ug/l	100
85) sec-Butylbenzene	11.96	105	118688	17.45	ug/l	99
86) p-Isopropyltoluene	12.07	119	102732	17.01	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	53472	16.38	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	54816	16.00	ug/l	95
89) n-Butylbenzene	12.40	91	94023	16.72	ug/l	98
90) Hexachloroethane	12.60	117	16597	17.46	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	54566	17.05	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	10998	17.20	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	36711	16.00	ug/l	99
94) Hexachlorobutadiene	13.79	225	17311	18.22	ug/l	99
95) Naphthalene	13.85	128	135721	16.98	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	38862	17.14	ug/l	98

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

