

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032118\
 Data File : VX000377.D
 Acq On : 21 Mar 2018 11:49
 Operator : JC/MD
 Sample : VX0321WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

Manual Integrations
 APPROVED

apatel
 3/22/2018 2:44:27 PM

Quant Time: Mar 22 06:02:11 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	113507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	188203	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	185505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	99567	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	82811	55.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.78%	
35) Dibromofluoromethane	5.51	113	61420	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
50) Toluene-d8	8.73	98	250748	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	11.15	95	90361	44.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	25955	20.75	ug/l	100
3) Chloromethane	1.32	50	26747	20.30	ug/l	93
4) Vinyl Chloride	1.41	62	29595	21.25	ug/l	98
5) Bromomethane	1.65	94	24755	14.88	ug/l	96
6) Chloroethane	1.73	64	18996	24.04	ug/l	94
7) Trichlorofluoromethane	1.93	101	51532	20.50	ug/l	99
8) Diethyl Ether	2.20	74	18120	20.17	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29048	20.73	ug/l	98
10) Methyl Iodide	2.52	142	26779	21.91	ug/l	99
11) Tert butyl alcohol	3.07	59	55254	108.41	ug/l	99
12) 1,1-Dichloroethene	2.38	96	24854	20.20	ug/l	97
13) Acrolein	2.30	56	15656	105.18	ug/l	100
14) Allyl chloride	2.73	41	47505	21.80	ug/l	99
15) Acrylonitrile	3.15	53	109612	106.19	ug/l	99
16) Acetone	2.45	43	128068	103.90	ug/l	97
17) Carbon Disulfide	2.58	76	66205	20.24	ug/l	96
18) Methyl Acetate	2.78	43	56812	21.99	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	96239	21.15	ug/l	97
20) Methylene Chloride	2.87	84	29722	20.88	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	27379	19.95	ug/l	92
22) Diisopropyl ether	3.88	45	75401	19.60	ug/l	97
23) Vinyl Acetate	3.83	43	415756	114.03	ug/l	98
24) 1,1-Dichloroethane	3.70	63	52866	21.86	ug/l	100
25) 2-Butanone	4.71	43	147913	106.76	ug/l	99
26) 2,2-Dichloropropane	4.59	77	37098	21.89	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	26237	20.45	ug/l	99
28) Bromochloromethane	5.03	49	20813	20.87	ug/l	99
29) Tetrahydrofuran	5.18	42	93114	109.24	ug/l	97
30) Chloroform	5.23	83	48333	21.33	ug/l	98
31) Cyclohexane	5.59	56	37804	20.22	ug/l	91
32) 1,1,1-Trichloroethane	5.51	97	42017	20.55	ug/l	100
36) 1,1-Dichloropropene	5.81	75	35212	19.97	ug/l	100
37) Ethyl Acetate	4.88	43	49801	20.68	ug/l	98
38) Carbon Tetrachloride	5.79	117	35946	19.44	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.48	83	42961	20.04	ug/l	98
40) Benzene	6.15	78	105825	20.67	ug/l	100
41) Methacrylonitrile	5.07	41	25582	20.15	ug/l	100
42) 1,2-Dichloroethane	6.21	62	42072	20.94	ug/l	99
43) Isopropyl Acetate	6.48	43	74307	20.73	ug/l	99
44) Trichloroethene	7.23	130	29158	19.88	ug/l	95
45) 1,2-Dichloropropane	7.52	63	28203	21.52	ug/l	96
46) Dibromomethane	7.67	93	21010	20.43	ug/l	97
47) Bromodichloromethane	7.91	83	39161	21.64	ug/l	93
48) Methyl methacrylate	7.79	41	36982	21.25	ug/l	99
49) 1,4-Dioxane	7.77	88	15051	411.46	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	290537	104.71	ug/l	99
52) Toluene	8.79	92	71300	19.92	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	43909	20.94	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	41737	20.52	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	30345	20.62	ug/l	94
56) Ethyl methacrylate	9.19	69	45175	20.26	ug/l	99
57) 1,3-Dichloropropane	9.38	76	51050	21.69	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	113406	105.95	ug/l	99
59) 2-Hexanone	9.51	43	242363	102.87	ug/l	100
60) Dibromochloromethane	9.59	129	31168	20.54	ug/l	99
61) 1,2-Dibromoethane	9.68	107	32263	20.44	ug/l	99
64) Tetrachloroethene	9.34	164	29830	20.72	ug/l	90
65) Chlorobenzene	10.15	112	81388	19.71	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	28719	20.48	ug/l	99
67) Ethyl Benzene	10.26	91	142245	20.33	ug/l	99
68) m/p-Xylenes	10.37	106	107501	39.04	ug/l	98
69) o-Xylene	10.71	106	53466	20.05	ug/l	97
70) Styrene	10.72	104	86036	19.50	ug/l	99
71) Bromoform	10.87	173	23541	19.35	ug/l #	94
73) Isopropylbenzene	11.02	105	145150	22.00	ug/l	99
74) N-amyl acetate	6.48	43	74307	24.14	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	52467	22.49	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	47222m	22.07	ug/l	
77) Bromobenzene	11.26	156	35136	19.99	ug/l	94
78) n-propylbenzene	11.37	91	166611	21.18	ug/l	99
79) 2-Chlorotoluene	11.43	91	95484	21.01	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	121231	21.86	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	14019	21.21	ug/l	92
82) 4-Chlorotoluene	11.52	91	114357	21.08	ug/l	100
83) tert-Butylbenzene	11.78	119	121411	21.70	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	124865	21.47	ug/l	100
85) sec-Butylbenzene	11.96	105	144821	20.92	ug/l	99
86) p-Isopropyltoluene	12.07	119	129425	21.05	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	68229	20.53	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	69607	19.95	ug/l	98
89) n-Butylbenzene	12.40	91	117511	20.53	ug/l	99
90) Hexachloroethane	12.60	117	20839	21.54	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	69566	21.35	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14724	22.63	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	46837	20.05	ug/l	99
94) Hexachlorobutadiene	13.79	225	20658	21.36	ug/l	97
95) Naphthalene	13.84	128	175804	21.61	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	48809	21.15	ug/l	99

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

