

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051018\
 Data File : VX001605.D
 Acq On : 10 May 2018 16:47
 Operator : JC/MD
 Sample : VX0510WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

Manual Integrations
 APPROVED

apatel
 5/11/2018 1:06:53 PM

Quant Time: May 11 07:41:45 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	301013	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	280168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	200610	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	161399	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
35) Dibromofluoromethane	5.51	113	130711	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	8.72	98	460542	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
62) 4-Bromofluorobenzene	11.14	95	172130	45.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	62571	19.84	ug/l	99
3) Chloromethane	1.32	50	59658	19.43	ug/l	99
4) Vinyl Chloride	1.40	62	64672	20.18	ug/l	99
5) Bromomethane	1.64	94	34955	21.89	ug/l	98
6) Chloroethane	1.72	64	42084	19.86	ug/l	98
7) Trichlorofluoromethane	1.93	101	99531	20.63	ug/l	99
8) Diethyl Ether	2.19	74	39304	20.79	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	58514	20.69	ug/l	98
10) Methyl Iodide	2.51	142	65290	16.00	ug/l	100
11) Tert butyl alcohol	3.09	59	80435	113.31	ug/l	99
12) 1,1-Dichloroethene	2.37	96	53862	20.78	ug/l	98
13) Acrolein	2.30	56	12792	83.64	ug/l	98
14) Allyl chloride	2.73	41	102506	21.21	ug/l	99
15) Acrylonitrile	3.15	53	176555	110.06	ug/l	100
16) Acetone	2.45	43	176856	115.68	ug/l	97
17) Carbon Disulfide	2.57	76	118760	18.00	ug/l	98
18) Methyl Acetate	2.78	43	97019	24.15	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	192011	21.28	ug/l	99
20) Methylene Chloride	2.86	84	62257	20.57	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	57202	19.77	ug/l	97
22) Diisopropyl ether	3.88	45	180319	19.97	ug/l	97
23) Vinyl Acetate	3.83	43	794997	105.64	ug/l	99
24) 1,1-Dichloroethane	3.70	63	109362	21.68	ug/l	100
25) 2-Butanone	4.72	43	246399	111.49	ug/l	98
26) 2,2-Dichloropropane	4.59	77	83628	21.47	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	62341	20.23	ug/l	99
28) Bromochloromethane	5.03	49	47127	21.55	ug/l	97
29) Tetrahydrofuran	5.18	42	151697	107.28	ug/l	99
30) Chloroform	5.22	83	110446	21.26	ug/l	98
31) Cyclohexane	5.58	56	84064	19.40	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	96479	21.25	ug/l	99
36) 1,1-Dichloropropene	5.80	75	75981	19.84	ug/l	99
37) Ethyl Acetate	4.87	43	90088	21.46	ug/l	100
38) Carbon Tetrachloride	5.78	117	85515	20.94	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86830	19.18	ug/l	97
40) Benzene	6.15	78	235259	21.04	ug/l	97
41) Methacrylonitrile	5.07	41	51149	21.30	ug/l	99
42) 1,2-Dichloroethane	6.20	62	92605	21.54	ug/l	100
43) Isopropyl Acetate	6.48	43	135486	21.03	ug/l	99
44) Trichloroethene	7.22	130	70943	20.75	ug/l	100
45) 1,2-Dichloropropane	7.53	63	57951	20.78	ug/l	96
46) Dibromomethane	7.67	93	41575	21.06	ug/l	99
47) Bromodichloromethane	7.90	83	76856	21.04	ug/l	98
48) Methyl methacrylate	7.79	41	73943	21.08	ug/l	100
49) 1,4-Dioxane	7.77	88	33297	439.27	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	481860	112.54	ug/l	98
52) Toluene	8.79	92	152932	20.91	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	86359	20.92	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	75853	19.23	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	62992	21.38	ug/l	98
56) Ethyl methacrylate	9.19	69	86544	20.38	ug/l	99
57) 1,3-Dichloropropane	9.38	76	103286	21.20	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	223357	107.23	ug/l	100
59) 2-Hexanone	9.51	43	365747	111.55	ug/l	99
60) Dibromochloromethane	9.59	129	61489	20.38	ug/l	98
61) 1,2-Dibromoethane	9.68	107	66247	21.42	ug/l	99
64) Tetrachloroethene	9.34	164	82045	21.01	ug/l	99
65) Chlorobenzene	10.15	112	171369	20.86	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	63639	21.65	ug/l	100
67) Ethyl Benzene	10.26	91	281533	20.90	ug/l	98
68) m/p-Xylenes	10.37	106	225195	42.32	ug/l	100
69) o-Xylene	10.71	106	109096	21.09	ug/l	99
70) Styrene	10.72	104	179644	21.38	ug/l	100
71) Bromoform	10.87	173	48608	19.54	ug/l #	100
73) Isopropylbenzene	11.02	105	293983	21.17	ug/l	100
74) N-amyl acetate	6.48	43	135486	21.48	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	88470	21.57	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	88921m	21.86	ug/l	
77) Bromobenzene	11.26	156	82874	20.53	ug/l	99
78) n-propylbenzene	11.37	91	325712	21.54	ug/l	99
79) 2-Chlorotoluene	11.43	91	197084	21.18	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	244695	21.16	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	22006	20.05	ug/l	92
82) 4-Chlorotoluene	11.52	91	228816	21.31	ug/l	99
83) tert-Butylbenzene	11.77	119	243607	21.17	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	252881	21.28	ug/l	100
85) sec-Butylbenzene	11.95	105	294299	21.31	ug/l	100
86) p-Isopropyltoluene	12.07	119	269242	21.25	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	149156	20.67	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	151922	20.64	ug/l	99
89) n-Butylbenzene	12.40	91	212872	20.28	ug/l	99
90) Hexachloroethane	12.60	117	39555	20.74	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	153692	20.93	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20305	22.53	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	108161	20.13	ug/l	99
94) Hexachlorobutadiene	13.79	225	60612	20.62	ug/l	99
95) Naphthalene	13.84	128	316210	21.28	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	114571	20.78	ug/l	99

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

