

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\
 Data File : VX001423.D
 Acq On : 05 May 2018 17:27
 Operator : JC/MD
 Sample : VX0505WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

Manual Integrations
 APPROVED

apatel
 5/8/2018 7:53:55 AM

Quant Time: May 06 08:11:46 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	265607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	349607	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	331445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	234889	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	198915	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
35) Dibromofluoromethane	5.51	113	159716	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
50) Toluene-d8	8.72	98	586306	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	11.14	95	219588	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	78840	22.050	ug/l	97
3) Chloromethane	1.32	50	72570	20.840	ug/l	99
4) Vinyl Chloride	1.40	62	77195	21.241	ug/l	99
5) Bromomethane	1.64	94	51362	29.463	ug/l	96
6) Chloroethane	1.72	64	50404	20.982	ug/l	99
7) Trichlorofluoromethane	1.93	101	118634	21.690	ug/l	100
8) Diethyl Ether	2.19	74	44913	20.951	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	67249	20.973	ug/l	98
10) Methyl Iodide	2.51	142	83588	18.066	ug/l	99
11) Tert butyl alcohol	3.09	59	92719	115.193	ug/l	98
12) 1,1-Dichloroethene	2.37	96	62650	21.316	ug/l	97
13) Acrolein	2.30	56	17943	106.378	ug/l	96
14) Allyl chloride	2.73	41	117189	21.384	ug/l	99
15) Acrylonitrile	3.15	53	199985	109.952	ug/l	99
16) Acetone	2.45	43	200028	115.390	ug/l	99
17) Carbon Disulfide	2.57	76	153630	20.540	ug/l	99
18) Methyl Acetate	2.78	43	102419	22.488	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	220337	21.532	ug/l	99
20) Methylene Chloride	2.86	84	71486	20.828	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	67655	20.627	ug/l	99
22) Diisopropyl ether	3.88	45	206415	20.160	ug/l	98
23) Vinyl Acetate	3.83	43	889177	104.206	ug/l	100
24) 1,1-Dichloroethane	3.70	63	125376	21.921	ug/l	99
25) 2-Butanone	4.72	43	279188	111.417	ug/l	98
26) 2,2-Dichloropropane	4.59	77	94529	21.402	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	72191	20.666	ug/l	98
28) Bromochloromethane	5.02	49	51294	20.685	ug/l	98
29) Tetrahydrofuran	5.18	42	175422	109.416	ug/l	100
30) Chloroform	5.23	83	124374	21.111	ug/l	98
31) Cyclohexane	5.58	56	103012	20.970	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	108984	21.166	ug/l	98
36) 1,1-Dichloropropene	5.81	75	91660	20.611	ug/l	99
37) Ethyl Acetate	4.87	43	103813	21.296	ug/l	100
38) Carbon Tetrachloride	5.79	117	97676	20.594	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	107048	20.360	ug/l	98
40) Benzene	6.15	78	268773	20.692	ug/l	100
41) Methacrylonitrile	5.07	41	58099	20.830	ug/l	98
42) 1,2-Dichloroethane	6.20	62	105691	21.170	ug/l	99
43) Isopropyl Acetate	6.48	43	159004	21.247	ug/l	100
44) Trichloroethene	7.22	130	83409	21.009	ug/l	100
45) 1,2-Dichloropropane	7.53	63	67702	20.907	ug/l	100
46) Dibromomethane	7.67	93	48032	20.952	ug/l	98
47) Bromodichloromethane	7.90	83	88555	20.872	ug/l	100
48) Methyl methacrylate	7.79	41	85950	21.093	ug/l	99
49) 1,4-Dioxane	7.76	88	38215	434.077	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	546341	109.864	ug/l	98
52) Toluene	8.79	92	177583	20.908	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	101209	21.108	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	91278	19.842	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	70971	20.741	ug/l	98
56) Ethyl methacrylate	9.19	69	102092	20.698	ug/l	99
57) 1,3-Dichloropropane	9.38	76	117529	20.773	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	256417	105.989	ug/l	100
59) 2-Hexanone	9.51	43	417189	109.556	ug/l	99
60) Dibromochloromethane	9.59	129	72965	20.823	ug/l	100
61) 1,2-Dibromoethane	9.68	107	75373	20.979	ug/l	99
64) Tetrachloroethene	9.34	164	98785	21.383	ug/l	99
65) Chlorobenzene	10.15	112	202345	20.816	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	73869	21.245	ug/l	99
67) Ethyl Benzene	10.26	91	331313	20.795	ug/l	99
68) m/p-Xylenes	10.37	106	266796	42.380	ug/l	99
69) o-Xylene	10.71	106	128623	21.023	ug/l	99
70) Styrene	10.72	104	210123	21.140	ug/l	99
71) Bromoform	10.87	173	57320	19.487	ug/l	99
73) Isopropylbenzene	11.02	105	344695	21.198	ug/l	100
74) N-amyl acetate	6.48	43	159004	21.528	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	101493	21.133	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	100544m	21.106	ug/l	
77) Bromobenzene	11.26	156	98296	20.792	ug/l	99
78) n-propylbenzene	11.37	91	384313	21.704	ug/l	100
79) 2-Chlorotoluene	11.43	91	231931	21.285	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	291252	21.513	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	24427	19.235	ug/l	89
82) 4-Chlorotoluene	11.52	91	269259	21.420	ug/l	100
83) tert-Butylbenzene	11.77	119	281996	20.934	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	302604	21.748	ug/l	99
85) sec-Butylbenzene	11.95	105	350162	21.657	ug/l	99
86) p-Isopropyltoluene	12.07	119	325163	21.922	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	176543	20.891	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	180577	20.950	ug/l	99
89) n-Butylbenzene	12.40	91	256474	20.868	ug/l	99
90) Hexachloroethane	12.60	117	45469	20.358	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	176153	20.488	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	24031	22.775	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	129638	20.605	ug/l	99
94) Hexachlorobutadiene	13.79	225	71677	20.821	ug/l	99
95) Naphthalene	13.84	128	376978	21.665	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	133965	20.751	ug/l	100

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

