

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051718\
 Data File : VX001802.D
 Acq On : 17 May 2018 20:27
 Operator : JC/MD
 Sample : VX0517WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/21/2018 12:52:51 PM

Quant Time: May 18 04:58:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	353393	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	293418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	187656	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	179710	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	5.51	113	157305	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
50) Toluene-d8	8.72	98	584342	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
62) 4-Bromofluorobenzene	11.14	95	183955	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	54982	20.19	ug/l	99
3) Chloromethane	1.32	50	62770	21.33	ug/l	100
4) Vinyl Chloride	1.40	62	66485	20.90	ug/l	99
5) Bromomethane	1.64	94	33715	23.50	ug/l	97
6) Chloroethane	1.72	64	43939	21.93	ug/l	100
7) Trichlorofluoromethane	1.93	101	96666	20.91	ug/l	99
8) Diethyl Ether	2.19	74	41341	21.73	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	59149	21.26	ug/l	98
10) Methyl Iodide	2.51	142	63272	24.71	ug/l	100
11) Tert butyl alcohol	3.08	59	81929	126.85	ug/l	100
12) 1,1-Dichloroethene	2.37	96	55729	20.77	ug/l	100
13) Acrolein	2.30	56	42983	93.83	ug/l	99
14) Allyl chloride	2.73	41	106694	21.52	ug/l	97
15) Acrylonitrile	3.15	53	193136	119.06	ug/l	100
16) Acetone	2.45	43	169726	118.78	ug/l	97
17) Carbon Disulfide	2.57	76	125655	17.96	ug/l	96
18) Methyl Acetate	2.78	43	106155	25.41	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	196477	21.73	ug/l	99
20) Methylene Chloride	2.86	84	65601	21.45	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	60222	20.38	ug/l	96
22) Diisopropyl ether	3.88	45	205636	21.62	ug/l	98
23) Vinyl Acetate	3.83	43	689764	100.64	ug/l	100
24) 1,1-Dichloroethane	3.70	63	113901	21.83	ug/l	100
25) 2-Butanone	4.72	43	269174	123.05	ug/l	99
26) 2,2-Dichloropropane	4.59	77	75974	18.09	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	70995	21.11	ug/l	100
28) Bromochloromethane	5.03	49	54792	23.64	ug/l	99
29) Tetrahydrofuran	5.18	42	172288	120.82	ug/l	99
30) Chloroform	5.22	83	121535	22.18	ug/l	99
31) Cyclohexane	5.58	56	96067	21.01	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	103059	21.76	ug/l	99
36) 1,1-Dichloropropene	5.81	75	82655	20.32	ug/l	99
37) Ethyl Acetate	4.87	43	99968	23.58	ug/l	99
38) Carbon Tetrachloride	5.79	117	91145	21.39	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	97606	20.53	ug/l	99
40) Benzene	6.15	78	263342	21.97	ug/l	98
41) Methacrylonitrile	5.07	41	56052	22.86	ug/l	98
42) 1,2-Dichloroethane	6.21	62	93550	21.58	ug/l	100
43) Isopropyl Acetate	6.48	43	145027	21.86	ug/l	99
44) Trichloroethene	7.22	130	80791	21.72	ug/l	96
45) 1,2-Dichloropropane	7.52	63	67266	22.87	ug/l	98
46) Dibromomethane	7.67	93	45383	21.97	ug/l	99
47) Bromodichloromethane	7.90	83	85197	22.23	ug/l	96
48) Methyl methacrylate	7.79	41	77482	22.18	ug/l	99
49) 1,4-Dioxane	7.77	88	36460	542.17	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	514277	122.30	ug/l	100
52) Toluene	8.79	92	169797	22.05	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	95280	21.13	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	74047	18.63	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	64154	21.79	ug/l	98
56) Ethyl methacrylate	9.19	69	85402	20.46	ug/l	99
57) 1,3-Dichloropropane	9.38	76	103221	20.94	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	248453	115.69	ug/l	100
59) 2-Hexanone	9.51	43	352103	116.97	ug/l	99
60) Dibromochloromethane	9.59	129	63610	21.10	ug/l	99
61) 1,2-Dibromoethane	9.68	107	66631	21.62	ug/l	97
64) Tetrachloroethene	9.34	164	86982	22.77	ug/l	97
65) Chlorobenzene	10.15	112	172154	21.33	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	64892	22.76	ug/l	98
67) Ethyl Benzene	10.26	91	277129	21.49	ug/l	98
68) m/p-Xylenes	10.37	106	221589	43.54	ug/l	98
69) o-Xylene	10.71	106	108025	22.16	ug/l	99
70) Styrene	10.72	104	177051	22.03	ug/l	100
71) Bromoform	10.87	173	50929	21.00	ug/l #	99
73) Isopropylbenzene	11.02	105	291550	23.59	ug/l	99
74) N-amyl acetate	6.48	43	145027	24.48	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	88201	23.79	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	86694m	24.30	ug/l	
77) Bromobenzene	11.26	156	83220	22.92	ug/l	100
78) n-propylbenzene	11.37	91	313990	22.55	ug/l	100
79) 2-Chlorotoluene	11.43	91	190478	22.88	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	239704	23.64	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20870	19.58	ug/l	89
82) 4-Chlorotoluene	11.52	91	216513	22.07	ug/l	99
83) tert-Butylbenzene	11.77	119	233790	23.17	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	248559	23.67	ug/l	100
85) sec-Butylbenzene	11.95	105	285226	22.90	ug/l	100
86) p-Isopropyltoluene	12.07	119	259356	22.51	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	146168	21.77	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	146939	21.16	ug/l	100
89) n-Butylbenzene	12.39	91	195106	19.57	ug/l	100
90) Hexachloroethane	12.60	117	40842	22.82	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	151449	22.63	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19373	24.48	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104864	19.66	ug/l	99
94) Hexachlorobutadiene	13.79	225	58790	20.53	ug/l	99
95) Naphthalene	13.84	128	310843	22.42	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	112433	20.93	ug/l	99

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

