

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002201.D
 Acq On : 01 Jun 2018 05:08
 Operator : JC/MD
 Sample : VX0531WBSD04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBSD04

Manual Integrations
 APPROVED

MMDadoda
 6/1/2018 6:37:14 PM

Quant Time: Jun 01 06:05:26 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	124242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	180218	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	164856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	98430	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	112117	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
35) Dibromofluoromethane	5.51	113	79724	44.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.48%	
50) Toluene-d8	8.72	98	270025	41.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.78%	
62) 4-Bromofluorobenzene	11.14	95	100019	39.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	26418	15.591	ug/l	99
3) Chloromethane	1.32	50	37426	19.578	ug/l	97
4) Vinyl Chloride	1.41	62	37988	20.581	ug/l	96
5) Bromomethane	1.64	94	25494	29.615	ug/l	95
6) Chloroethane	1.73	64	25515	23.450	ug/l	99
7) Trichlorofluoromethane	1.93	101	61644	22.239	ug/l	99
8) Diethyl Ether	2.19	74	28153	27.993	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	34832	22.520	ug/l	96
10) Methyl Iodide	2.51	142	40775	19.483	ug/l	97
11) Tert butyl alcohol	3.07	59	91687	210.324	ug/l	97
12) 1,1-Dichloroethene	2.38	96	31716	21.901	ug/l	99
13) Acrolein	2.29	56	20863	110.690	ug/l	99
14) Allyl chloride	2.73	41	73239	24.093	ug/l	98
15) Acrylonitrile	3.15	53	159207	177.599	ug/l	100
16) Acetone	2.45	43	157441	183.693	ug/l	99
17) Carbon Disulfide	2.57	76	67729	16.251	ug/l	96
18) Methyl Acetate	2.78	43	81051	39.005	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	153849	28.247	ug/l	98
20) Methylene Chloride	2.86	84	42398	27.831	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	34328	23.512	ug/l	97
22) Diisopropyl ether	3.88	45	138835	22.454	ug/l	100
23) Vinyl Acetate	3.83	43	627756	122.453	ug/l	99
24) 1,1-Dichloroethane	3.70	63	73642	25.073	ug/l	98
25) 2-Butanone	4.71	43	220487	140.359	ug/l	99
26) 2,2-Dichloropropane	4.59	77	36940	12.426	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	38429	20.350	ug/l	87
28) Bromochloromethane	5.03	49	37372	29.440	ug/l	98
29) Tetrahydrofuran	5.17	42	142293	139.224	ug/l	99
30) Chloroform	5.23	83	68517	20.706	ug/l	100
31) Cyclohexane	5.58	56	53505	17.485	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	53869	17.462	ug/l	98
36) 1,1-Dichloropropene	5.81	75	42830	17.086	ug/l	97
37) Ethyl Acetate	4.87	43	81179	24.840	ug/l	99
38) Carbon Tetrachloride	5.79	117	45221	15.470	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	51840	16.833	ug/l	95
40) Benzene	6.15	78	142792	19.443	ug/l	99
41) Methacrylonitrile	5.07	41	45312	25.610	ug/l	98
42) 1,2-Dichloroethane	6.20	62	63322	21.586	ug/l	99
43) Isopropyl Acetate	6.47	43	121298	22.276	ug/l	100
44) Trichloroethene	7.22	130	38820	18.139	ug/l	97
45) 1,2-Dichloropropane	7.52	63	39513	19.812	ug/l	97
46) Dibromomethane	7.67	93	28774	21.791	ug/l	98
47) Bromodichloromethane	7.90	83	46977	16.685	ug/l	99
48) Methyl methacrylate	7.78	41	62370	22.504	ug/l	98
49) 1,4-Dioxane	7.76	88	29402	602.030	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	431492	131.451	ug/l	98
52) Toluene	8.79	92	86640	18.538	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	54043	16.666	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	49738	15.741	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	42030	21.527	ug/l	98
56) Ethyl methacrylate	9.18	69	68418	20.373	ug/l	98
57) 1,3-Dichloropropane	9.38	76	70565	21.939	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	40069	26.919	ug/l	100
59) 2-Hexanone	9.50	43	332417	131.335	ug/l	99
60) Dibromochloromethane	9.59	129	36638	15.843	ug/l	98
61) 1,2-Dibromoethane	9.68	107	43655	21.308	ug/l	99
64) Tetrachloroethene	9.34	164	42443	17.956	ug/l	99
65) Chlorobenzene	10.14	112	100296	19.203	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	36700	17.401	ug/l	100
67) Ethyl Benzene	10.26	91	164897	18.171	ug/l	100
68) m/p-Xylenes	10.36	106	123841	35.700	ug/l	99
69) o-Xylene	10.70	106	64386	18.589	ug/l	99
70) Styrene	10.71	104	102820	17.900	ug/l	99
71) Bromoform	10.86	173	27836	13.919	ug/l #	97
73) Isopropylbenzene	11.02	105	166438	19.968	ug/l	99
74) N-amyl acetate	6.47	43	121298	26.575	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	62647	26.896	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	50836m	21.502	ug/l	
77) Bromobenzene	11.26	156	46843	21.182	ug/l	96
78) n-propylbenzene	11.37	91	176294	18.885	ug/l	99
79) 2-Chlorotoluene	11.43	91	111692	20.448	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	138096	19.387	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	14458	14.698	ug/l #	78
82) 4-Chlorotoluene	11.51	91	125261	19.024	ug/l	99
83) tert-Butylbenzene	11.77	119	134647	19.263	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	141926	19.281	ug/l	98
85) sec-Butylbenzene	11.95	105	159831	19.022	ug/l	99
86) p-Isopropyltoluene	12.07	119	138780	18.457	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	76516	19.320	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	77896	19.673	ug/l	99
89) n-Butylbenzene	12.39	91	107812	16.922	ug/l	99
90) Hexachloroethane	12.60	117	19308	13.019	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	83750	20.755	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15028	20.279	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	51871	17.977	ug/l	99
94) Hexachlorobutadiene	13.79	225	26157	16.852	ug/l	97
95) Naphthalene	13.84	128	202558	22.785	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	58221	19.500	ug/l	100

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

