

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053018\
 Data File : VX002161.D
 Acq On : 31 May 2018 03:03
 Operator : JC/MD
 Sample : VX0530WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD03

Manual Integrations
 APPROVED

MMDadoda
 5/31/2018 3:07:50 PM

Quant Time: May 31 06:49:19 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	220723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	321910	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	192321	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	172084	43.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.24%	
35) Dibromofluoromethane	5.51	113	129709	40.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.58%	
50) Toluene-d8	8.72	98	482842	41.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.86%	
62) 4-Bromofluorobenzene	11.14	95	184643	40.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47071	15.64	ug/l	100
3) Chloromethane	1.32	50	65188	19.20	ug/l	98
4) Vinyl Chloride	1.40	62	66670	20.33	ug/l	98
5) Bromomethane	1.64	94	39394	25.63	ug/l	99
6) Chloroethane	1.73	64	43878	22.70	ug/l	98
7) Trichlorofluoromethane	1.93	101	107297	21.79	ug/l	98
8) Diethyl Ether	2.19	74	43132	24.14	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	59180	21.54	ug/l	98
10) Methyl Iodide	2.51	142	64221	17.27	ug/l	97
11) Tert butyl alcohol	3.07	59	97316	125.66	ug/l	99
12) 1,1-Dichloroethene	2.37	96	55723	21.66	ug/l	97
13) Acrolein	2.29	56	25673	76.67	ug/l	98
14) Allyl chloride	2.73	41	119143	22.06	ug/l	98
15) Acrylonitrile	3.15	53	193473	121.48	ug/l	99
16) Acetone	2.45	43	185975	122.14	ug/l	99
17) Carbon Disulfide	2.57	76	136495	18.43	ug/l	97
18) Methyl Acetate	2.78	43	99713	26.65	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	231277	23.90	ug/l	100
20) Methylene Chloride	2.86	84	70259	25.84	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	61182	23.59	ug/l	97
22) Diisopropyl ether	3.88	45	221638	20.18	ug/l	100
23) Vinyl Acetate	3.83	43	946799	103.96	ug/l	99
24) 1,1-Dichloroethane	3.70	63	109430	20.97	ug/l	99
25) 2-Butanone	4.71	43	268595	96.24	ug/l	100
26) 2,2-Dichloropropane	4.59	77	67051	12.70	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	64388	19.19	ug/l	95
28) Bromochloromethane	5.03	49	56631	24.80	ug/l	98
29) Tetrahydrofuran	5.17	42	179234	98.71	ug/l	99
30) Chloroform	5.22	83	115048	19.57	ug/l	100
31) Cyclohexane	5.58	56	99377	18.28	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	99436	18.14	ug/l	99
36) 1,1-Dichloropropene	5.80	75	79399	17.73	ug/l	98
37) Ethyl Acetate	4.87	43	105411	18.06	ug/l	99
38) Carbon Tetrachloride	5.79	117	84554	16.19	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	96555	17.55	ug/l	94
40) Benzene	6.15	78	249318	19.01	ug/l	99
41) Methacrylonitrile	5.07	41	59364	18.41	ug/l	99
42) 1,2-Dichloroethane	6.20	62	100652	19.21	ug/l	99
43) Isopropyl Acetate	6.47	43	176569	18.15	ug/l	100
44) Trichloroethene	7.22	130	70649	18.48	ug/l	97
45) 1,2-Dichloropropane	7.52	63	67959	19.08	ug/l	99
46) Dibromomethane	7.67	93	45486	19.28	ug/l	99
47) Bromodichloromethane	7.90	83	82432	16.39	ug/l	100
48) Methyl methacrylate	7.78	41	89313	18.04	ug/l	98
49) 1,4-Dioxane	7.76	88	34390	394.22	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	572498	97.64	ug/l	99
52) Toluene	8.79	92	160468	19.22	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	96107	16.59	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	88912	15.75	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	67128	19.25	ug/l	99
56) Ethyl methacrylate	9.18	69	106491	17.75	ug/l	98
57) 1,3-Dichloropropane	9.38	76	113387	19.74	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	246844	92.84	ug/l	99
59) 2-Hexanone	9.50	43	430101	95.13	ug/l	100
60) Dibromochloromethane	9.59	129	65069	15.75	ug/l	100
61) 1,2-Dibromoethane	9.68	107	69297	18.94	ug/l	98
64) Tetrachloroethene	9.34	164	80901	18.96	ug/l	98
65) Chlorobenzene	10.14	112	180415	19.14	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	64800	17.02	ug/l	99
67) Ethyl Benzene	10.26	91	307017	18.74	ug/l	100
68) m/p-Xylenes	10.36	106	235525	37.62	ug/l	100
69) o-Xylene	10.70	106	117851	18.85	ug/l	99
70) Styrene	10.71	104	192124	18.53	ug/l	100
71) Bromoform	10.86	173	48704	13.49	ug/l	99
73) Isopropylbenzene	11.02	105	311194	19.11	ug/l	99
74) N-amyl acetate	6.47	43	176569	18.94	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	93998	20.35	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	88137m	19.08	ug/l	
77) Bromobenzene	11.26	156	83515	19.33	ug/l	97
78) n-propylbenzene	11.37	91	343699	18.84	ug/l	99
79) 2-Chlorotoluene	11.43	91	209636	19.55	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	263133	18.91	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	25143	13.08	ug/l	87
82) 4-Chlorotoluene	11.51	91	243363	18.92	ug/l	100
83) tert-Butylbenzene	11.77	119	252108	18.46	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	267895	18.63	ug/l	99
85) sec-Butylbenzene	11.95	105	304260	18.53	ug/l	99
86) p-Isopropyltoluene	12.07	119	269732	18.36	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	146468	18.93	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	148500	19.20	ug/l	99
89) n-Butylbenzene	12.39	91	222728	17.89	ug/l	99
90) Hexachloroethane	12.60	117	40087	13.83	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	152793	19.38	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21933	15.15	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	104794	18.59	ug/l	99
94) Hexachlorobutadiene	13.79	225	54891	18.10	ug/l	99
95) Naphthalene	13.84	128	330193	19.01	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	108684	18.63	ug/l	100

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

