

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050118\
 Data File : VX001286.D
 Acq On : 01 May 2018 19:53
 Operator : JC/MD
 Sample : VX0501WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS02

Manual Integrations
 APPROVED

MMDadoda
 5/2/2018 4:20:56 PM

Quant Time: May 02 05:19:04 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	191208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	250053	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	233136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	156429	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	123005	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
35) Dibromofluoromethane	5.51	113	103443	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
50) Toluene-d8	8.72	98	386061	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
62) 4-Bromofluorobenzene	11.14	95	143736	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41880	19.80	ug/l	99
3) Chloromethane	1.32	50	40220	19.37	ug/l	99
4) Vinyl Chloride	1.40	62	42593	19.49	ug/l	100
5) Bromomethane	1.64	94	32644	19.04	ug/l	98
6) Chloroethane	1.73	64	26308	19.04	ug/l	99
7) Trichlorofluoromethane	1.93	101	72935	19.77	ug/l	100
8) Diethyl Ether	2.19	74	24495	19.34	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41824	19.66	ug/l	98
10) Methyl Iodide	2.51	142	33614	17.57	ug/l	98
11) Tert butyl alcohol	3.08	59	51769	113.68	ug/l	100
12) 1,1-Dichloroethene	2.37	96	36816	19.19	ug/l	98
13) Acrolein	2.29	56	23003	87.73	ug/l	100
14) Allyl chloride	2.73	41	65028	19.38	ug/l	100
15) Acrylonitrile	3.15	53	106934	101.32	ug/l	99
16) Acetone	2.45	43	110092	97.44	ug/l	100
17) Carbon Disulfide	2.57	76	87346	17.48	ug/l	99
18) Methyl Acetate	2.78	43	57269	21.46	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	128447	19.66	ug/l	99
20) Methylene Chloride	2.86	84	41114	19.19	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	38696	18.54	ug/l	98
22) Diisopropyl ether	3.88	45	116133	17.97	ug/l	97
23) Vinyl Acetate	3.83	43	495330	90.44	ug/l	100
24) 1,1-Dichloroethane	3.70	63	71629	19.90	ug/l	99
25) 2-Butanone	4.71	43	149370	97.78	ug/l	99
26) 2,2-Dichloropropane	4.59	77	50795	17.34	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	41614	18.14	ug/l	99
28) Bromochloromethane	5.03	49	34260	21.17	ug/l	97
29) Tetrahydrofuran	5.18	42	94507	100.59	ug/l	100
30) Chloroform	5.22	83	69992	18.39	ug/l	99
31) Cyclohexane	5.57	56	58138	17.88	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	59567	17.91	ug/l	98
36) 1,1-Dichloropropene	5.81	75	51108	17.71	ug/l	99
37) Ethyl Acetate	4.87	43	55878	19.18	ug/l	100
38) Carbon Tetrachloride	5.79	117	53471	17.69	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61742	18.09	ug/l	98
40) Benzene	6.15	78	152275	18.34	ug/l	98
41) Methacrylonitrile	5.07	41	30893	18.20	ug/l	97
42) 1,2-Dichloroethane	6.20	62	58143	18.09	ug/l	100
43) Isopropyl Acetate	6.48	43	87933	18.64	ug/l	99
44) Trichloroethene	7.21	130	45683	17.98	ug/l	97
45) 1,2-Dichloropropane	7.52	63	39119	18.35	ug/l	96
46) Dibromomethane	7.67	93	26942	18.03	ug/l	98
47) Bromodichloromethane	7.90	83	48399	18.11	ug/l	99
48) Methyl methacrylate	7.79	41	45799	18.26	ug/l	98
49) 1,4-Dioxane	7.76	88	20449	432.06	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	301179	99.02	ug/l	100
52) Toluene	8.79	92	98980	18.24	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	56876	17.90	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	50878	17.40	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	40648	18.54	ug/l	96
56) Ethyl methacrylate	9.19	69	56934	18.74	ug/l	98
57) 1,3-Dichloropropane	9.38	76	66247	18.79	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	144544	98.63	ug/l	100
59) 2-Hexanone	9.50	43	230384	96.91	ug/l	100
60) Dibromochloromethane	9.59	129	41059	17.96	ug/l	99
61) 1,2-Dibromoethane	9.68	107	43523	18.73	ug/l	100
64) Tetrachloroethene	9.34	164	55230	20.00	ug/l	97
65) Chlorobenzene	10.14	112	116091	18.31	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	41313	18.77	ug/l	99
67) Ethyl Benzene	10.26	91	189389	18.13	ug/l	99
68) m/p-Xylenes	10.37	106	152849	37.18	ug/l	99
69) o-Xylene	10.70	106	74325	18.64	ug/l	97
70) Styrene	10.72	104	119911	18.39	ug/l	99
71) Bromoform	10.86	173	32486	18.01	ug/l #	99
73) Isopropylbenzene	11.02	105	198015	18.92	ug/l	99
74) N-amyl acetate	6.48	43	87933	19.59	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	60105	19.17	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	57878m	20.01	ug/l	
77) Bromobenzene	11.26	156	57861	19.17	ug/l	97
78) n-propylbenzene	11.37	91	224127	19.27	ug/l	100
79) 2-Chlorotoluene	11.43	91	135110	19.25	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	171440	19.51	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	13102	17.76	ug/l	92
82) 4-Chlorotoluene	11.52	91	157415	18.65	ug/l	100
83) tert-Butylbenzene	11.77	119	163714	18.68	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	174519	19.38	ug/l	100
85) sec-Butylbenzene	11.95	105	204532	19.51	ug/l	100
86) p-Isopropyltoluene	12.07	119	189105	19.66	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	103671	18.39	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	105527	18.16	ug/l	99
89) n-Butylbenzene	12.40	91	158887	18.93	ug/l	99
90) Hexachloroethane	12.60	117	25082	18.01	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	104987	18.72	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	12651	19.97	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	80779	17.90	ug/l	99
94) Hexachlorobutadiene	13.79	225	44768	18.96	ug/l	99
95) Naphthalene	13.84	128	224823	19.64	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	83507	18.85	ug/l	99

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

