

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060218\
 Data File : VX002238.D
 Acq On : 02 Jun 2018 14:43
 Operator : JC/MD
 Sample : VX0602WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2018 2:31:51 PM

Quant Time: Jun 04 05:40:13 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	204745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	283978	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	267897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182264	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	170617	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
35) Dibromofluoromethane	5.51	113	125549	44.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.42%	
50) Toluene-d8	8.72	98	478824	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
62) 4-Bromofluorobenzene	11.14	95	184096	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39574	13.98	ug/l	99
3) Chloromethane	1.32	50	52663	16.72	ug/l	99
4) Vinyl Chloride	1.40	62	54960	18.07	ug/l	99
5) Bromomethane	1.64	94	37629	26.42	ug/l	99
6) Chloroethane	1.72	64	37340	20.82	ug/l	99
7) Trichlorofluoromethane	1.93	101	96774	21.19	ug/l	99
8) Diethyl Ether	2.19	74	39481	23.82	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56675	22.23	ug/l	98
10) Methyl Iodide	2.51	142	62546	18.14	ug/l	97
11) Tert butyl alcohol	3.08	59	87200	121.38	ug/l	99
12) 1,1-Dichloroethene	2.37	96	48972	20.52	ug/l	96
13) Acrolein	2.29	56	23420	75.40	ug/l	97
14) Allyl chloride	2.73	41	107882	21.54	ug/l	95
15) Acrylonitrile	3.15	53	182234	123.36	ug/l	99
16) Acetone	2.45	43	190512	134.88	ug/l	99
17) Carbon Disulfide	2.57	76	104712	15.25	ug/l	97
18) Methyl Acetate	2.78	43	94758	27.33	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	214285	23.87	ug/l	98
20) Methylene Chloride	2.86	84	63033	24.94	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	53823	22.29	ug/l	98
22) Diisopropyl ether	3.87	45	200337	19.66	ug/l	95
23) Vinyl Acetate	3.83	43	875779	103.66	ug/l	99
24) 1,1-Dichloroethane	3.70	63	114263	23.61	ug/l	100
25) 2-Butanone	4.71	43	254110	98.16	ug/l	100
26) 2,2-Dichloropropane	4.59	77	79539	16.24	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	59531	19.13	ug/l	99
28) Bromochloromethane	5.03	49	50605	23.81	ug/l	99
29) Tetrahydrofuran	5.17	42	161361	95.80	ug/l	99
30) Chloroform	5.22	83	103947	19.06	ug/l	96
31) Cyclohexane	5.58	56	84814	16.82	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	85979	16.91	ug/l	98
36) 1,1-Dichloropropene	5.80	75	71431	18.08	ug/l	99
37) Ethyl Acetate	4.87	43	97103	18.86	ug/l	99
38) Carbon Tetrachloride	5.79	117	73105	15.87	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	87991	18.13	ug/l	97
40) Benzene	6.15	78	224514	19.40	ug/l	99
41) Methacrylonitrile	5.07	41	53881	18.98	ug/l	98
42) 1,2-Dichloroethane	6.20	62	93497	20.23	ug/l	99
43) Isopropyl Acetate	6.47	43	157892	18.40	ug/l	100
44) Trichloroethene	7.21	130	63899	18.95	ug/l	99
45) 1,2-Dichloropropane	7.52	63	61814	19.67	ug/l	98
46) Dibromomethane	7.67	93	41656	20.02	ug/l	100
47) Bromodichloromethane	7.90	83	72937	16.44	ug/l	97
48) Methyl methacrylate	7.78	41	81295	18.62	ug/l	98
49) 1,4-Dioxane	7.76	88	32641	424.15	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	514296	99.43	ug/l	100
52) Toluene	8.79	92	145421	19.75	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	88851	17.39	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	83919	16.85	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	63500	20.64	ug/l	97
56) Ethyl methacrylate	9.18	69	94818	17.92	ug/l	98
57) 1,3-Dichloropropane	9.38	76	102679	20.26	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	211011	89.96	ug/l	99
59) 2-Hexanone	9.50	43	398798	99.99	ug/l	99
60) Dibromochloromethane	9.59	129	57998	15.92	ug/l	99
61) 1,2-Dibromoethane	9.68	107	63648	19.72	ug/l	99
64) Tetrachloroethene	9.34	164	73069	19.02	ug/l	97
65) Chlorobenzene	10.14	112	165673	19.52	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	60172	17.56	ug/l	98
67) Ethyl Benzene	10.26	91	284210	19.27	ug/l	99
68) m/p-Xylenes	10.37	106	217751	38.63	ug/l	100
69) o-Xylene	10.70	106	108574	19.29	ug/l	100
70) Styrene	10.72	104	178331	19.10	ug/l	99
71) Bromoform	10.86	173	43437	13.37	ug/l #	100
73) Isopropylbenzene	11.02	105	293527	19.02	ug/l	99
74) N-amyl acetate	6.47	43	157892	17.68	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	89851	20.54	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	81422m	18.60	ug/l	
77) Bromobenzene	11.26	156	80684	19.70	ug/l	96
78) n-propylbenzene	11.37	91	330654	19.13	ug/l	100
79) 2-Chlorotoluene	11.43	91	201747	19.89	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	249877	18.94	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	23197	12.73	ug/l #	81
82) 4-Chlorotoluene	11.52	91	233752	19.17	ug/l	100
83) tert-Butylbenzene	11.77	119	239757	18.52	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	257843	18.92	ug/l	100
85) sec-Butylbenzene	11.95	105	297689	19.13	ug/l	99
86) p-Isopropyltoluene	12.07	119	271255	19.48	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	144944	19.76	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	147020	20.05	ug/l	100
89) n-Butylbenzene	12.39	91	229280	19.43	ug/l	98
90) Hexachloroethane	12.60	117	36359	13.24	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	148913	19.93	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19731	14.38	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	108482	20.30	ug/l	99
94) Hexachlorobutadiene	13.79	225	57962	20.17	ug/l	97
95) Naphthalene	13.84	128	319217	19.39	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112541	20.36	ug/l	100

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

