

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050818\
 Data File : VX001532.D
 Acq On : 09 May 2018 00:15
 Operator : JC/MD
 Sample : VX0508WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD02

Manual Integrations
 APPROVED

MMDadoda
 5/10/2018 1:11:30 PM

Quant Time: May 09 07:47:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	223608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	294175	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197286	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	165074	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
35) Dibromofluoromethane	5.51	113	130796	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	8.72	98	470987	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.14	95	174429	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	64082	21.29	ug/l	99
3) Chloromethane	1.32	50	61334	20.92	ug/l	99
4) Vinyl Chloride	1.40	62	64880	21.21	ug/l	98
5) Bromomethane	1.64	94	38789	26.05	ug/l	98
6) Chloroethane	1.72	64	42693	21.11	ug/l	99
7) Trichlorofluoromethane	1.93	101	99717	21.66	ug/l	98
8) Diethyl Ether	2.19	74	39426	21.85	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56963	21.10	ug/l	99
10) Methyl Iodide	2.51	142	75053	19.27	ug/l	100
11) Tert butyl alcohol	3.09	59	80334	118.55	ug/l	98
12) 1,1-Dichloroethene	2.37	96	52337	21.15	ug/l	100
13) Acrolein	2.29	56	14942	105.09	ug/l	96
14) Allyl chloride	2.73	41	96037	20.82	ug/l	99
15) Acrylonitrile	3.15	53	175824	114.82	ug/l	99
16) Acetone	2.45	43	161476	110.65	ug/l	99
17) Carbon Disulfide	2.57	76	122921	19.52	ug/l	100
18) Methyl Acetate	2.78	43	96576	25.19	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	192622	22.36	ug/l	100
20) Methylene Chloride	2.86	84	61814	21.39	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	56779	20.56	ug/l	96
22) Diisopropyl ether	3.88	45	182224	21.14	ug/l	99
23) Vinyl Acetate	3.83	43	753859	104.94	ug/l	99
24) 1,1-Dichloroethane	3.70	63	105343	21.88	ug/l	99
25) 2-Butanone	4.72	43	237600	112.63	ug/l	98
26) 2,2-Dichloropropane	4.59	77	53755	14.46	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	61615	20.95	ug/l	97
28) Bromochloromethane	5.03	49	46741	22.39	ug/l	98
29) Tetrahydrofuran	5.18	42	151629	112.34	ug/l	99
30) Chloroform	5.22	83	108474	21.87	ug/l	99
31) Cyclohexane	5.57	56	83938	20.30	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	94783	21.87	ug/l	99
36) 1,1-Dichloropropene	5.81	75	75430	20.16	ug/l	99
37) Ethyl Acetate	4.87	43	89540	21.83	ug/l	99
38) Carbon Tetrachloride	5.79	117	84689	21.22	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84372	19.07	ug/l	97
40) Benzene	6.15	78	233223	21.34	ug/l	98
41) Methacrylonitrile	5.07	41	50685	21.60	ug/l	98
42) 1,2-Dichloroethane	6.21	62	93943	22.36	ug/l	99
43) Isopropyl Acetate	6.48	43	137948	21.91	ug/l	100
44) Trichloroethene	7.22	130	71229	21.32	ug/l	99
45) 1,2-Dichloropropane	7.52	63	58685	21.54	ug/l	99
46) Dibromomethane	7.67	93	41987	21.77	ug/l	99
47) Bromodichloromethane	7.90	83	76488	21.43	ug/l	99
48) Methyl methacrylate	7.79	41	74469	21.72	ug/l	99
49) 1,4-Dioxane	7.76	88	33928	458.00	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	481805	115.14	ug/l	99
52) Toluene	8.79	92	149382	20.90	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	82509	20.45	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	74032	19.21	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	63508	22.06	ug/l	96
56) Ethyl methacrylate	9.19	69	87044	20.97	ug/l	97
57) 1,3-Dichloropropane	9.38	76	104908	22.04	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	235633	115.75	ug/l	98
59) 2-Hexanone	9.51	43	363190	113.35	ug/l	99
60) Dibromochloromethane	9.59	129	63711	21.61	ug/l	99
61) 1,2-Dibromoethane	9.68	107	65955	21.82	ug/l	99
64) Tetrachloroethene	9.34	164	86699	21.95	ug/l	97
65) Chlorobenzene	10.15	112	171604	20.65	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	62983	21.18	ug/l	99
67) Ethyl Benzene	10.26	91	278231	20.42	ug/l	100
68) m/p-Xylenes	10.37	106	220874	41.03	ug/l	98
69) o-Xylene	10.71	106	109127	20.86	ug/l	98
70) Styrene	10.72	104	177758	20.92	ug/l	100
71) Bromoform	10.87	173	48727	19.39	ug/l	100
73) Isopropylbenzene	11.02	105	289963	21.23	ug/l	100
74) N-amyl acetate	6.48	43	137948	22.24	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	89088	22.09	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	87677m	21.91	ug/l	
77) Bromobenzene	11.26	156	83501	21.03	ug/l	99
78) n-propylbenzene	11.37	91	315136	21.19	ug/l	99
79) 2-Chlorotoluene	11.43	91	194418	21.24	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	241649	21.25	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18483	17.75	ug/l #	86
82) 4-Chlorotoluene	11.52	91	223728	21.19	ug/l	99
83) tert-Butylbenzene	11.77	119	232985	20.59	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	249535	21.35	ug/l	100
85) sec-Butylbenzene	11.95	105	286425	21.09	ug/l	100
86) p-Isopropyltoluene	12.07	119	260176	20.88	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	145740	20.53	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	149545	20.66	ug/l	99
89) n-Butylbenzene	12.40	91	202030	19.57	ug/l	98
90) Hexachloroethane	12.60	117	39356	20.98	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	151243	20.94	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20332	22.94	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	105982	20.06	ug/l	99
94) Hexachlorobutadiene	13.79	225	57553	19.91	ug/l	99
95) Naphthalene	13.84	128	317885	21.75	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112357	20.72	ug/l	100

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

