

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050718\
 Data File : VX001483.D
 Acq On : 07 May 2018 23:47
 Operator : JC/MD
 Sample : VX0507WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD02

Manual Integrations
 APPROVED

MMDadoda
 5/9/2018 5:47:36 PM

Quant Time: May 08 07:32:34 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	244290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	323816	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	215217	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	181676	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
35) Dibromofluoromethane	5.51	113	145720	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	8.72	98	528800	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.14	95	196186	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	72404	22.02	ug/l	98
3) Chloromethane	1.32	50	68953	21.53	ug/l	98
4) Vinyl Chloride	1.40	62	75084	22.46	ug/l	98
5) Bromomethane	1.64	94	46316	28.81	ug/l	96
6) Chloroethane	1.72	64	47704	21.59	ug/l	99
7) Trichlorofluoromethane	1.93	101	112652	22.39	ug/l	100
8) Diethyl Ether	2.19	74	43998	22.31	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63227	21.44	ug/l	100
10) Methyl Iodide	2.51	142	91800	21.57	ug/l	99
11) Tert butyl alcohol	3.08	59	86170	116.40	ug/l	100
12) 1,1-Dichloroethene	2.37	96	60237	22.28	ug/l	97
13) Acrolein	2.29	56	17406	112.87	ug/l	98
14) Allyl chloride	2.73	41	108674	21.56	ug/l	99
15) Acrylonitrile	3.15	53	186967	111.76	ug/l	99
16) Acetone	2.45	43	169306	106.19	ug/l	100
17) Carbon Disulfide	2.57	76	141468	20.56	ug/l	100
18) Methyl Acetate	2.78	43	97656	23.31	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	209178	22.23	ug/l	97
20) Methylene Chloride	2.86	84	68124	21.58	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	64178	21.27	ug/l	99
22) Diisopropyl ether	3.88	45	203038	21.56	ug/l	98
23) Vinyl Acetate	3.83	43	843022	107.42	ug/l	99
24) 1,1-Dichloroethane	3.70	63	110549	21.02	ug/l	99
25) 2-Butanone	4.71	43	253229	109.88	ug/l	96
26) 2,2-Dichloropropane	4.59	77	66499	16.37	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	69533	21.64	ug/l	98
28) Bromochloromethane	5.03	49	52443	22.99	ug/l	97
29) Tetrahydrofuran	5.17	42	162252	110.03	ug/l	100
30) Chloroform	5.22	83	120968	22.32	ug/l	99
31) Cyclohexane	5.57	56	95764	21.20	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	106569	22.50	ug/l	99
36) 1,1-Dichloropropene	5.81	75	84813	20.59	ug/l	100
37) Ethyl Acetate	4.87	43	98094	21.73	ug/l	100
38) Carbon Tetrachloride	5.79	117	95024	21.63	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	96041	19.72	ug/l	95
40) Benzene	6.15	78	259492	21.57	ug/l	98
41) Methacrylonitrile	5.07	41	55460	21.47	ug/l	98
42) 1,2-Dichloroethane	6.20	62	101811	22.02	ug/l	100
43) Isopropyl Acetate	6.48	43	148281	21.39	ug/l	100
44) Trichloroethene	7.22	130	79146	21.52	ug/l	100
45) 1,2-Dichloropropane	7.52	63	64756	21.59	ug/l	100
46) Dibromomethane	7.67	93	45802	21.57	ug/l	99
47) Bromodichloromethane	7.90	83	86157	21.92	ug/l	100
48) Methyl methacrylate	7.79	41	79281	21.01	ug/l	98
49) 1,4-Dioxane	7.76	88	35620	436.83	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	508556	110.41	ug/l	98
52) Toluene	8.79	92	171975	21.86	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	93014	20.94	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	84826	19.90	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	69092	21.80	ug/l	99
56) Ethyl methacrylate	9.19	69	96746	21.18	ug/l	98
57) 1,3-Dichloropropane	9.38	76	114910	21.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	245105	109.38	ug/l	100
59) 2-Hexanone	9.51	43	385727	109.36	ug/l	99
60) Dibromochloromethane	9.59	129	68601	21.14	ug/l	98
61) 1,2-Dibromoethane	9.68	107	72071	21.66	ug/l	99
64) Tetrachloroethene	9.34	164	96754	22.81	ug/l	98
65) Chlorobenzene	10.15	112	192119	21.52	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	70691	22.14	ug/l	99
67) Ethyl Benzene	10.26	91	316328	21.62	ug/l	98
68) m/p-Xylenes	10.37	106	252457	43.67	ug/l	99
69) o-Xylene	10.70	106	122198	21.75	ug/l	98
70) Styrene	10.72	104	198960	21.80	ug/l	99
71) Bromoform	10.87	173	53612	19.78	ug/l #	100
73) Isopropylbenzene	11.02	105	330202	22.16	ug/l	99
74) N-amyl acetate	6.48	43	148281	21.91	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	95444	21.69	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	95724m	21.93	ug/l	
77) Bromobenzene	11.26	156	94111	21.73	ug/l	99
78) n-propylbenzene	11.37	91	361267	22.27	ug/l	98
79) 2-Chlorotoluene	11.43	91	217492	21.78	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	274018	22.09	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20829	18.20	ug/l	89
82) 4-Chlorotoluene	11.52	91	251076	21.80	ug/l	100
83) tert-Butylbenzene	11.77	119	264712	21.45	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	281945	22.11	ug/l	99
85) sec-Butylbenzene	11.95	105	327117	22.08	ug/l	100
86) p-Isopropyltoluene	12.07	119	298275	21.95	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	167210	21.59	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	169129	21.42	ug/l	99
89) n-Butylbenzene	12.39	91	229663	20.40	ug/l	100
90) Hexachloroethane	12.60	117	42427	20.73	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	169926	21.57	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21655	22.40	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	119768	20.78	ug/l	99
94) Hexachlorobutadiene	13.79	225	64137	20.33	ug/l	99
95) Naphthalene	13.84	128	352247	22.09	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	126353	21.36	ug/l	100

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

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