

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001682.D
 Acq On : 12 May 2018 22:28
 Operator : JC/MD
 Sample : VX0512WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS02

Manual Integrations
 APPROVED

apatel
 5/15/2018 6:32:11 PM

Quant Time: May 14 07:27:02 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	221748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	288964	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	268655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187061	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	149684	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
35) Dibromofluoromethane	5.51	113	125740	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	8.72	98	434317	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
62) 4-Bromofluorobenzene	11.14	95	161394	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56877	19.05	ug/l	99
3) Chloromethane	1.32	50	53446	18.38	ug/l	99
4) Vinyl Chloride	1.40	62	58984	19.44	ug/l	98
5) Bromomethane	1.64	94	33350	22.09	ug/l	99
6) Chloroethane	1.73	64	39285	19.59	ug/l	95
7) Trichlorofluoromethane	1.93	101	90792	19.88	ug/l	98
8) Diethyl Ether	2.19	74	36729	20.52	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53852	20.12	ug/l	100
10) Methyl Iodide	2.51	142	59594	15.43	ug/l	98
11) Tert butyl alcohol	3.07	59	73784	109.80	ug/l	100
12) 1,1-Dichloroethene	2.37	96	48767	19.87	ug/l	99
13) Acrolein	2.30	56	9319	61.55	ug/l	98
14) Allyl chloride	2.73	41	92825	20.29	ug/l	97
15) Acrylonitrile	3.15	53	158667	104.49	ug/l	100
16) Acetone	2.45	43	143180	98.93	ug/l	99
17) Carbon Disulfide	2.57	76	106209	17.01	ug/l	99
18) Methyl Acetate	2.78	43	89973	23.66	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	178396	20.88	ug/l	98
20) Methylene Chloride	2.86	84	57873	20.20	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	51869	18.94	ug/l	98
22) Diisopropyl ether	3.88	45	178270	20.86	ug/l	99
23) Vinyl Acetate	3.83	43	715537	100.44	ug/l	99
24) 1,1-Dichloroethane	3.70	63	96826	20.28	ug/l	99
25) 2-Butanone	4.71	43	213983	102.29	ug/l	99
26) 2,2-Dichloropropane	4.59	77	64272	17.43	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	60392	20.71	ug/l	96
28) Bromochloromethane	5.03	49	48016	23.19	ug/l	98
29) Tetrahydrofuran	5.17	42	135091	100.93	ug/l	99
30) Chloroform	5.22	83	105231	21.39	ug/l	95
31) Cyclohexane	5.58	56	78278	19.09	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	91424	21.27	ug/l	99
36) 1,1-Dichloropropene	5.80	75	69773	18.98	ug/l	99
37) Ethyl Acetate	4.87	43	81952	20.34	ug/l	100
38) Carbon Tetrachloride	5.79	117	79172	20.20	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	79067	18.19	ug/l	99
40) Benzene	6.15	78	222757	20.75	ug/l	99
41) Methacrylonitrile	5.07	41	46570	20.20	ug/l	99
42) 1,2-Dichloroethane	6.21	62	87350	21.17	ug/l	100
43) Isopropyl Acetate	6.47	43	124112	20.07	ug/l	99
44) Trichloroethene	7.22	130	67117	20.45	ug/l	98
45) 1,2-Dichloropropane	7.52	63	56072	20.95	ug/l	100
46) Dibromomethane	7.66	93	39561	20.88	ug/l	99
47) Bromodichloromethane	7.90	83	74816	21.33	ug/l	98
48) Methyl methacrylate	7.79	41	67306	19.98	ug/l	98
49) 1,4-Dioxane	7.76	88	29416	404.25	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	431932	105.09	ug/l	99
52) Toluene	8.79	92	144076	20.52	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	80460	20.30	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	70579	18.71	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	60161	21.27	ug/l	98
56) Ethyl methacrylate	9.19	69	80430	19.73	ug/l	98
57) 1,3-Dichloropropane	9.38	76	97345	20.82	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	218545	109.29	ug/l	99
59) 2-Hexanone	9.50	43	314298	99.86	ug/l	100
60) Dibromochloromethane	9.59	129	58861	20.32	ug/l	99
61) 1,2-Dibromoethane	9.68	107	60645	20.42	ug/l	99
64) Tetrachloroethene	9.34	164	76416	20.41	ug/l	99
65) Chlorobenzene	10.15	112	161381	20.48	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	60325	21.40	ug/l	100
67) Ethyl Benzene	10.26	91	259247	20.07	ug/l	98
68) m/p-Xylenes	10.37	106	208512	40.86	ug/l	100
69) o-Xylene	10.71	106	101699	20.51	ug/l	99
70) Styrene	10.72	104	165376	20.53	ug/l	99
71) Bromoform	10.87	173	45770	19.25	ug/l #	99
73) Isopropylbenzene	11.02	105	275279	21.26	ug/l	100
74) N-amyl acetate	6.47	43	124112	21.10	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	83768	21.90	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	79938m	21.07	ug/l	
77) Bromobenzene	11.26	156	79169	21.03	ug/l	99
78) n-propylbenzene	11.37	91	299150	21.21	ug/l	99
79) 2-Chlorotoluene	11.43	91	184163	21.22	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	227005	21.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19101	18.96	ug/l	88
82) 4-Chlorotoluene	11.52	91	210921	21.07	ug/l	100
83) tert-Butylbenzene	11.77	119	222647	20.75	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	236144	21.31	ug/l	100
85) sec-Butylbenzene	11.95	105	271433	21.08	ug/l	99
86) p-Isopropyltoluene	12.07	119	244303	20.68	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	139418	20.72	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	141872	20.67	ug/l	99
89) n-Butylbenzene	12.40	91	189126	19.32	ug/l	100
90) Hexachloroethane	12.60	117	36987	20.79	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	143858	21.01	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18280	21.75	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	100550	20.07	ug/l	100
94) Hexachlorobutadiene	13.79	225	54951	20.04	ug/l	99
95) Naphthalene	13.84	128	289775	20.91	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	106993	20.81	ug/l	99

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

