

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001232.D
 Acq On : 29 Apr 2018 00:03
 Operator : JC/MD
 Sample : VX0428WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBSD02

Manual Integrations
 APPROVED

apatel
 5/1/2018 7:46:33 PM

Quant Time: Apr 30 03:25:17 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	190833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	258365	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	247242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	165630	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	128092	43.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.60%	
35) Dibromofluoromethane	5.51	113	103727	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	8.72	98	389352	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
62) 4-Bromofluorobenzene	11.14	95	147671	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38704	19.34	ug/l	97
3) Chloromethane	1.32	50	37672	17.97	ug/l	100
4) Vinyl Chloride	1.40	62	43578	19.60	ug/l	100
5) Bromomethane	1.64	94	33752	23.63	ug/l	99
6) Chloroethane	1.73	64	27949	19.97	ug/l	98
7) Trichlorofluoromethane	1.93	101	76566	21.32	ug/l	100
8) Diethyl Ether	2.19	74	26565	19.24	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41249	20.85	ug/l	99
10) Methyl Iodide	2.51	142	41238	24.38	ug/l	99
11) Tert butyl alcohol	3.08	59	54739	93.84	ug/l	98
12) 1,1-Dichloroethene	2.37	96	39174	20.30	ug/l	97
13) Acrolein	2.30	56	17127	77.66	ug/l	99
14) Allyl chloride	2.73	41	69391	19.71	ug/l	98
15) Acrylonitrile	3.15	53	118078	94.79	ug/l	99
16) Acetone	2.45	43	110145	90.55	ug/l	99
17) Carbon Disulfide	2.57	76	92491	18.78	ug/l	96
18) Methyl Acetate	2.78	43	61892	20.33	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	139736	19.67	ug/l	97
20) Methylene Chloride	2.86	84	44262	19.54	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	42343	19.85	ug/l	98
22) Diisopropyl ether	3.88	45	129740	18.42	ug/l	94
23) Vinyl Acetate	3.83	43	548346	91.76	ug/l	99
24) 1,1-Dichloroethane	3.70	63	70677	19.09	ug/l	99
25) 2-Butanone	4.71	43	157929	86.77	ug/l	100
26) 2,2-Dichloropropane	4.59	77	41762	14.33	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	46401	19.87	ug/l	95
28) Bromochloromethane	5.03	49	30258	18.23	ug/l	96
29) Tetrahydrofuran	5.17	42	101631	86.84	ug/l	99
30) Chloroform	5.23	83	76657	19.47	ug/l	97
31) Cyclohexane	5.58	56	62399	19.84	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	66985	19.71	ug/l	100
36) 1,1-Dichloropropene	5.81	75	55286	19.42	ug/l	99
37) Ethyl Acetate	4.87	43	61460	18.03	ug/l	100
38) Carbon Tetrachloride	5.79	117	57986	19.86	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	61710	19.58	ug/l	98
40) Benzene	6.15	78	167827	20.38	ug/l	100
41) Methacrylonitrile	5.07	41	34354	17.93	ug/l	99
42) 1,2-Dichloroethane	6.21	62	65095	19.61	ug/l	100
43) Isopropyl Acetate	6.48	43	98209	18.34	ug/l	100
44) Trichloroethene	7.22	130	50112	20.42	ug/l	94
45) 1,2-Dichloropropane	7.53	63	43010	19.85	ug/l	99
46) Dibromomethane	7.67	93	30078	20.05	ug/l	98
47) Bromodichloromethane	7.91	83	52696	19.33	ug/l	99
48) Methyl methacrylate	7.79	41	52244	18.36	ug/l	99
49) 1,4-Dioxane	7.76	88	20632	362.07	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	330062	93.84	ug/l	98
52) Toluene	8.79	92	110499	20.52	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	59201	18.68	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	54334	17.98	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	44825	19.67	ug/l	98
56) Ethyl methacrylate	9.19	69	63076	18.68	ug/l	98
57) 1,3-Dichloropropane	9.38	76	73576	19.96	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	150037	94.00	ug/l	100
59) 2-Hexanone	9.51	43	250532	90.91	ug/l	98
60) Dibromochloromethane	9.59	129	44269	18.86	ug/l	99
61) 1,2-Dibromoethane	9.68	107	47462	19.88	ug/l	99
64) Tetrachloroethene	9.34	164	57756	21.88	ug/l	99
65) Chlorobenzene	10.14	112	130163	20.09	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	45264	20.20	ug/l	99
67) Ethyl Benzene	10.26	91	210731	20.02	ug/l	99
68) m/p-Xylenes	10.37	106	167022	40.14	ug/l	99
69) o-Xylene	10.71	106	80336	19.91	ug/l	100
70) Styrene	10.72	104	131680	19.61	ug/l	99
71) Bromoform	10.87	173	35365	18.47	ug/l #	99
73) Isopropylbenzene	11.02	105	218340	20.23	ug/l	100
74) N-amyl acetate	6.48	43	98209	18.05	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	67433	18.83	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	61646m	18.28	ug/l	
77) Bromobenzene	11.26	156	64113	20.03	ug/l	97
78) n-propylbenzene	11.37	91	242452	20.14	ug/l	100
79) 2-Chlorotoluene	11.43	91	148601	19.91	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	184037	20.14	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	11880	15.20	ug/l	87
82) 4-Chlorotoluene	11.52	91	174559	19.68	ug/l	99
83) tert-Butylbenzene	11.77	119	178674	19.59	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	191925	20.43	ug/l	100
85) sec-Butylbenzene	11.95	105	218446	20.50	ug/l	99
86) p-Isopropyltoluene	12.07	119	199617	20.14	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	114515	19.93	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	118280	19.75	ug/l	100
89) n-Butylbenzene	12.40	91	167762	19.56	ug/l	99
90) Hexachloroethane	12.60	117	27353	19.32	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	115040	19.80	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13865	17.54	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	87686	19.26	ug/l	99
94) Hexachlorobutadiene	13.79	225	42352	19.79	ug/l	99
95) Naphthalene	13.84	128	243016	19.15	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	90044	19.87	ug/l	99

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

