

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052918\
 Data File : VX002097.D
 Acq On : 29 May 2018 17:06
 Operator : JC/MD
 Sample : VX0529WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/30/2018 1:50:57 PM

Quant Time: May 30 06:59:12 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	264472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	378872	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	219578	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	194790	41.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.40%	
35) Dibromofluoromethane	5.51	113	149296	39.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.82%	
50) Toluene-d8	8.72	98	555005	40.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.92%	
62) 4-Bromofluorobenzene	11.14	95	210927	39.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56822	15.78	ug/l	98
3) Chloromethane	1.32	50	79978	19.65	ug/l	99
4) Vinyl Chloride	1.40	62	76625	19.50	ug/l	98
5) Bromomethane	1.64	94	44250	23.97	ug/l	98
6) Chloroethane	1.73	64	48167	20.80	ug/l	99
7) Trichlorofluoromethane	1.93	101	123307	20.90	ug/l	99
8) Diethyl Ether	2.19	74	45814	21.40	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69244	21.03	ug/l	97
10) Methyl Iodide	2.51	142	76899	17.26	ug/l	97
11) Tert butyl alcohol	3.08	59	103827	111.89	ug/l	98
12) 1,1-Dichloroethene	2.37	96	64011	20.76	ug/l	96
13) Acrolein	2.30	56	40853	101.82	ug/l	100
14) Allyl chloride	2.73	41	137479	21.25	ug/l	98
15) Acrylonitrile	3.15	53	204616	107.23	ug/l	98
16) Acetone	2.45	43	213798	117.18	ug/l	100
17) Carbon Disulfide	2.57	76	170011	19.16	ug/l	100
18) Methyl Acetate	2.78	43	101079	22.37	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	245355	21.16	ug/l	99
20) Methylene Chloride	2.86	84	74316	22.61	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	68043	21.78	ug/l	98
22) Diisopropyl ether	3.88	45	244765	18.60	ug/l	99
23) Vinyl Acetate	3.83	43	1093787	100.23	ug/l	99
24) 1,1-Dichloroethane	3.70	63	125151	20.02	ug/l	99
25) 2-Butanone	4.71	43	305274	91.29	ug/l	100
26) 2,2-Dichloropropane	4.59	77	108772	17.19	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	71953	17.90	ug/l	89
28) Bromochloromethane	5.03	49	68764	25.16	ug/l	99
29) Tetrahydrofuran	5.17	42	197400	90.73	ug/l	100
30) Chloroform	5.22	83	125907	17.87	ug/l	100
31) Cyclohexane	5.58	56	116086	17.82	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	113932	17.35	ug/l	98
36) 1,1-Dichloropropene	5.80	75	92043	17.47	ug/l	99
37) Ethyl Acetate	4.87	43	116907	17.02	ug/l	99
38) Carbon Tetrachloride	5.79	117	100449	16.35	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	114444	17.68	ug/l	97
40) Benzene	6.15	78	280035	18.14	ug/l	98
41) Methacrylonitrile	5.07	41	66535	17.47	ug/l	99
42) 1,2-Dichloroethane	6.20	62	109258	17.72	ug/l	99
43) Isopropyl Acetate	6.47	43	198397	17.33	ug/l	99
44) Trichloroethene	7.22	130	78974	17.55	ug/l	99
45) 1,2-Dichloropropane	7.52	63	76160	18.16	ug/l	97
46) Dibromomethane	7.67	93	49478	17.82	ug/l	98
47) Bromodichloromethane	7.90	83	94896	16.03	ug/l	99
48) Methyl methacrylate	7.78	41	101172	17.36	ug/l	98
49) 1,4-Dioxane	7.76	88	37430	364.56	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	632380	91.64	ug/l	98
52) Toluene	8.79	92	179105	18.23	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	115722	16.97	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	109827	16.53	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	72807	17.74	ug/l	98
56) Ethyl methacrylate	9.19	69	120942	17.13	ug/l	99
57) 1,3-Dichloropropane	9.38	76	122382	18.10	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	271632	86.80	ug/l	100
59) 2-Hexanone	9.50	43	486230	91.38	ug/l	99
60) Dibromochloromethane	9.59	129	77732	15.99	ug/l	99
61) 1,2-Dibromoethane	9.68	107	76139	17.68	ug/l	100
64) Tetrachloroethene	9.34	164	89176	17.88	ug/l	98
65) Chlorobenzene	10.14	112	199170	18.08	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	74498	16.74	ug/l	100
67) Ethyl Benzene	10.26	91	346031	18.08	ug/l	99
68) m/p-Xylenes	10.36	106	262842	35.92	ug/l	100
69) o-Xylene	10.70	106	130900	17.91	ug/l	99
70) Styrene	10.71	104	211962	17.49	ug/l	99
71) Bromoform	10.86	173	60527	14.35	ug/l	99
73) Isopropylbenzene	11.02	105	352014	18.93	ug/l	99
74) N-amyl acetate	6.47	43	198397	18.59	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	102784	19.44	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	112696m	21.37	ug/l	
77) Bromobenzene	11.26	156	93070	18.87	ug/l	98
78) n-propylbenzene	11.37	91	392044	18.83	ug/l	99
79) 2-Chlorotoluene	11.43	91	234897	19.14	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	295736	18.61	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	34418	15.68	ug/l	93
82) 4-Chlorotoluene	11.51	91	273512	18.62	ug/l	100
83) tert-Butylbenzene	11.77	119	289310	18.55	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	301551	18.36	ug/l	99
85) sec-Butylbenzene	11.95	105	352692	18.82	ug/l	99
86) p-Isopropyltoluene	12.07	119	310791	18.53	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	161846	18.32	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	164272	18.60	ug/l	99
89) n-Butylbenzene	12.39	91	261967	18.43	ug/l	99
90) Hexachloroethane	12.60	117	51862	15.68	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	167945	18.66	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	26260	15.88	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	116003	18.02	ug/l	99
94) Hexachlorobutadiene	13.79	225	62785	18.13	ug/l	99
95) Naphthalene	13.84	128	363835	18.35	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	121246	18.20	ug/l	99

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

