

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052918\
 Data File : VX002091.D
 Acq On : 29 May 2018 14:26
 Operator : JC/MD
 Sample : VX0529WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Quant Time: May 29 14:43:52 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	327620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	443123	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	408102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	275805	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	252064	43.04	ug/l	0.00
Spiked Amount			Recovery	=	86.08%	
35) Dibromofluoromethane	5.51	113	194187	43.82	ug/l	0.00
Spiked Amount			Recovery	=	87.64%	
50) Toluene-d8	8.72	98	731419	45.59	ug/l	0.00
Spiked Amount			Recovery	=	91.18%	
62) 4-Bromofluorobenzene	11.14	95	286693	45.68	ug/l	0.00
Spiked Amount			Recovery	=	91.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	74093	16.72	ug/l	98
3) Chloromethane	1.32	50	101987	20.23	ug/l	98
4) Vinyl Chloride	1.40	62	95450	19.61	ug/l	100
5) Bromomethane	1.64	94	51348	22.39	ug/l	97
6) Chloroethane	1.73	64	59786	20.84	ug/l	100
7) Trichlorofluoromethane	1.93	101	154828	21.18	ug/l	99
8) Diethyl Ether	2.19	74	56117	21.16	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	90467	22.18	ug/l	96
10) Methyl Iodide	2.51	142	101222	18.34	ug/l	99
11) Tert butyl alcohol	3.07	59	114601	99.69	ug/l	97
12) 1,1-Dichloroethene	2.37	96	77813	20.38	ug/l	96
13) Acrolein	2.29	56	41933	84.37	ug/l	99
14) Allyl chloride	2.73	41	170181	21.23	ug/l	98
15) Acrylonitrile	3.15	53	241287	102.07	ug/l	99
16) Acetone	2.45	43	237697	105.17	ug/l	99
17) Carbon Disulfide	2.57	76	221149	20.12	ug/l	99
18) Methyl Acetate	2.78	43	119824	21.36	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	296236	20.63	ug/l	99
20) Methylene Chloride	2.86	84	89404	21.91	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	84778	21.92	ug/l	97
22) Diisopropyl ether	3.87	45	307766	18.88	ug/l	97
23) Vinyl Acetate	3.82	43	1398894	103.48	ug/l	99
24) 1,1-Dichloroethane	3.70	63	165043	21.31	ug/l	99
25) 2-Butanone	4.71	43	354689	85.63	ug/l	99
26) 2,2-Dichloropropane	4.59	77	139955	17.85	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	91163	18.31	ug/l	92
28) Bromochloromethane	5.03	49	87204	25.81	ug/l	99
29) Tetrahydrofuran	5.17	42	230387	85.48	ug/l	100
30) Chloroform	5.22	83	156922	17.98	ug/l	97
31) Cyclohexane	5.58	56	152687	18.92	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	143719	17.67	ug/l	99
36) 1,1-Dichloropropene	5.80	75	119733	19.43	ug/l	99
37) Ethyl Acetate	4.86	43	140576	17.49	ug/l	100
38) Carbon Tetrachloride	5.78	117	132305	18.41	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	155378	20.52	ug/l	98
40) Benzene	6.15	78	349995	19.38	ug/l	100
41) Methacrylonitrile	5.07	41	80507	18.12	ug/l	99
42) 1,2-Dichloroethane	6.20	62	133569	18.52	ug/l	100
43) Isopropyl Acetate	6.47	43	240883	17.99	ug/l	100
44) Trichloroethene	7.21	130	102122	19.41	ug/l	100
45) 1,2-Dichloropropane	7.52	63	93658	19.10	ug/l	99
46) Dibromomethane	7.66	93	61267	18.87	ug/l	99
47) Bromodichloromethane	7.90	83	121005	17.48	ug/l	100
48) Methyl methacrylate	7.78	41	123790	18.17	ug/l	98
49) 1,4-Dioxane	7.76	88	42462	353.60	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	744853	92.29	ug/l	99
52) Toluene	8.79	92	225462	19.62	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	147821	18.54	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	142404	18.33	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	90456	18.84	ug/l	100
56) Ethyl methacrylate	9.18	69	147873	17.91	ug/l	99
57) 1,3-Dichloropropane	9.38	76	152729	19.31	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	367938	100.53	ug/l	100
59) 2-Hexanone	9.50	43	578040	92.88	ug/l	100
60) Dibromochloromethane	9.59	129	98753	17.37	ug/l	99
61) 1,2-Dibromoethane	9.68	107	95966	19.05	ug/l	99
64) Tetrachloroethene	9.34	164	119426	20.41	ug/l	97
65) Chlorobenzene	10.14	112	252945	19.56	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	94132	18.03	ug/l	99
67) Ethyl Benzene	10.26	91	445879	19.85	ug/l	100
68) m/p-Xylenes	10.37	106	345125	40.19	ug/l	100
69) o-Xylene	10.70	106	169277	19.74	ug/l	99
70) Styrene	10.72	104	272917	19.19	ug/l	99
71) Bromoform	10.86	173	78579	15.87	ug/l	99
73) Isopropylbenzene	11.02	105	459712	19.68	ug/l	100
74) N-amyl acetate	6.47	43	240883	17.85	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	127451	19.17	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	167984	25.36	ug/l	80
77) Bromobenzene	11.26	156	119839	19.34	ug/l	97
78) n-propylbenzene	11.37	91	526716	20.14	ug/l	100
79) 2-Chlorotoluene	11.43	91	309789	20.22	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	390555	19.57	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	44685	16.21	ug/l	91
82) 4-Chlorotoluene	11.51	91	364917	19.78	ug/l	99
83) tert-Butylbenzene	11.77	119	379079	19.35	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	399571	19.37	ug/l	100
85) sec-Butylbenzene	11.95	105	474828	20.17	ug/l	99
86) p-Isopropyltoluene	12.07	119	427867	20.31	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	217549	19.60	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	219975	19.83	ug/l	100
89) n-Butylbenzene	12.39	91	371976	20.84	ug/l	100
90) Hexachloroethane	12.60	117	71400	17.18	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	217710	19.25	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	32851	15.82	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	161963	20.03	ug/l	100
94) Hexachlorobutadiene	13.79	225	89011	20.47	ug/l	100
95) Naphthalene	13.84	128	472305	18.96	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	163981	19.60	ug/l	100

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

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