

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053018\
 Data File : VX002160.D
 Acq On : 31 May 2018 02:37
 Operator : JC/MD
 Sample : VX0530WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS03

Manual Integrations
 APPROVED

MMDadoda
 5/31/2018 3:07:49 PM

Quant Time: May 31 06:47:36 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	186881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	299006	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178342	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	166680	49.90	ug/l	0.00
Spiked Amount						
			Recovery	=	99.80%	
35) Dibromofluoromethane	5.51	113	124795	41.74	ug/l	0.00
Spiked Amount						
			Recovery	=	83.48%	
50) Toluene-d8	8.72	98	449744	41.55	ug/l	0.00
Spiked Amount						
			Recovery	=	83.10%	
62) 4-Bromofluorobenzene	11.14	95	174754	41.26	ug/l	0.00
Spiked Amount						
			Recovery	=	82.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	33918	13.00	ug/l	99
3) Chloromethane	1.32	50	61205	21.29	ug/l	100
4) Vinyl Chloride	1.40	62	55476	19.98	ug/l	100
5) Bromomethane	1.64	94	35745	27.54	ug/l	99
6) Chloroethane	1.72	64	40855	24.96	ug/l	99
7) Trichlorofluoromethane	1.93	101	81996	19.67	ug/l	96
8) Diethyl Ether	2.19	74	42344	27.99	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	44004	18.91	ug/l	96
10) Methyl Iodide	2.51	142	54779	17.40	ug/l	96
11) Tert butyl alcohol	3.08	59	97061	148.02	ug/l	97
12) 1,1-Dichloroethene	2.37	96	46788	21.48	ug/l	96
13) Acrolein	2.30	56	25820	91.07	ug/l	100
14) Allyl chloride	2.73	41	110755	24.22	ug/l	98
15) Acrylonitrile	3.15	53	190237	141.08	ug/l	100
16) Acetone	2.45	43	181910	141.10	ug/l	100
17) Carbon Disulfide	2.57	76	111388	17.77	ug/l	99
18) Methyl Acetate	2.78	43	97608	31.00	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	222025	27.10	ug/l	100
20) Methylene Chloride	2.86	84	67352	29.49	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	54435	24.88	ug/l	91
22) Diisopropyl ether	3.88	45	210605	22.64	ug/l	100
23) Vinyl Acetate	3.83	43	906052	117.50	ug/l	98
24) 1,1-Dichloroethane	3.70	63	103461	23.42	ug/l	99
25) 2-Butanone	4.71	43	262549	111.11	ug/l	99
26) 2,2-Dichloropropane	4.59	77	60256	13.47	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	61634	21.70	ug/l	94
28) Bromochloromethane	5.02	49	54068	28.24	ug/l	99
29) Tetrahydrofuran	5.17	42	172453	112.18	ug/l	100
30) Chloroform	5.22	83	108126	21.72	ug/l	100
31) Cyclohexane	5.58	56	73939	16.06	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	86163	18.57	ug/l	99
36) 1,1-Dichloropropene	5.80	75	67163	16.15	ug/l	99
37) Ethyl Acetate	4.87	43	102280	18.86	ug/l	100
38) Carbon Tetrachloride	5.79	117	68803	14.19	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68679	13.44	ug/l	100
40) Benzene	6.15	78	231534	19.00	ug/l	99
41) Methacrylonitrile	5.07	41	58808	19.73	ug/l	98
42) 1,2-Dichloroethane	6.20	62	96108	19.75	ug/l	100
43) Isopropyl Acetate	6.47	43	170444	18.87	ug/l	99
44) Trichloroethene	7.22	130	62766	17.68	ug/l	98
45) 1,2-Dichloropropane	7.52	63	65563	19.81	ug/l	99
46) Dibromomethane	7.66	93	43651	19.92	ug/l	98
47) Bromodichloromethane	7.90	83	77884	16.67	ug/l	100
48) Methyl methacrylate	7.78	41	87066	18.93	ug/l	98
49) 1,4-Dioxane	7.76	88	33806	417.21	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	559158	102.67	ug/l	98
52) Toluene	8.79	92	146384	18.88	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	90638	16.85	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	84526	16.12	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	63922	19.73	ug/l	99
56) Ethyl methacrylate	9.18	69	103759	18.62	ug/l	99
57) 1,3-Dichloropropane	9.38	76	106715	20.00	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	234554	94.98	ug/l	100
59) 2-Hexanone	9.50	43	425417	101.31	ug/l	99
60) Dibromochloromethane	9.59	129	62034	16.17	ug/l	100
61) 1,2-Dibromoethane	9.68	107	67435	19.84	ug/l	98
64) Tetrachloroethene	9.34	164	71611	17.73	ug/l	99
65) Chlorobenzene	10.14	112	168716	18.90	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	62886	17.45	ug/l	99
67) Ethyl Benzene	10.26	91	279564	18.03	ug/l	99
68) m/p-Xylenes	10.36	106	213929	36.08	ug/l	100
69) o-Xylene	10.70	106	110923	18.74	ug/l	99
70) Styrene	10.71	104	180523	18.39	ug/l	100
71) Bromoform	10.86	173	46520	13.61	ug/l #	100
73) Isopropylbenzene	11.02	105	275420	18.24	ug/l	99
74) N-amyl acetate	6.47	43	170444	19.85	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	92137	21.59	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	94769m	22.12	ug/l	
77) Bromobenzene	11.26	156	80472	20.08	ug/l	97
78) n-propylbenzene	11.37	91	302324	17.87	ug/l	99
79) 2-Chlorotoluene	11.43	91	197580	19.91	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	234806	18.19	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	22820	12.80	ug/l #	84
82) 4-Chlorotoluene	11.51	91	224532	18.82	ug/l	100
83) tert-Butylbenzene	11.77	119	221921	17.52	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	249774	18.73	ug/l	99
85) sec-Butylbenzene	11.95	105	260184	17.09	ug/l	100
86) p-Isopropyltoluene	12.07	119	236631	17.37	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	135479	18.88	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	137610	19.18	ug/l	99
89) n-Butylbenzene	12.39	91	185549	16.07	ug/l	99
90) Hexachloroethane	12.60	117	35764	13.31	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	143983	19.69	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21065	15.69	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	95232	18.22	ug/l	99
94) Hexachlorobutadiene	13.79	225	42527	15.12	ug/l	98
95) Naphthalene	13.84	128	316250	19.63	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	102168	18.89	ug/l	99

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

