

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053018\
 Data File : VX002144.D
 Acq On : 30 May 2018 17:59
 Operator : JC/MD
 Sample : VX0530WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS02

Manual Integrations
 APPROVED

MMDadoda
 5/31/2018 3:07:47 PM

Quant Time: May 31 04:02:14 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	260734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358101	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	216371	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	185078	39.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.42%	
35) Dibromofluoromethane	5.51	113	142737	39.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.72%	
50) Toluene-d8	8.72	98	536762	41.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.80%	
62) 4-Bromofluorobenzene	11.14	95	207431	40.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56003	15.77	ug/l	98
3) Chloromethane	1.32	50	72017	17.95	ug/l	100
4) Vinyl Chloride	1.40	62	74947	19.35	ug/l	100
5) Bromomethane	1.64	94	42505	23.33	ug/l	99
6) Chloroethane	1.73	64	47578	20.84	ug/l	99
7) Trichlorofluoromethane	1.93	101	122591	21.07	ug/l	100
8) Diethyl Ether	2.19	74	45279	21.45	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	71347	21.98	ug/l	97
10) Methyl Iodide	2.51	142	58638	13.35	ug/l	98
11) Tert butyl alcohol	3.06	59	95453	104.34	ug/l	98
12) 1,1-Dichloroethene	2.37	96	63525	20.90	ug/l	96
13) Acrolein	2.29	56	28605	72.32	ug/l	98
14) Allyl chloride	2.73	41	133357	20.90	ug/l	97
15) Acrylonitrile	3.15	53	198476	105.50	ug/l	99
16) Acetone	2.45	43	194754	108.28	ug/l	100
17) Carbon Disulfide	2.57	76	158153	18.08	ug/l	99
18) Methyl Acetate	2.78	43	99006	22.22	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	240021	21.00	ug/l	99
20) Methylene Chloride	2.86	84	71916	22.16	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	66778	21.68	ug/l	96
22) Diisopropyl ether	3.87	45	257234	19.82	ug/l	97
23) Vinyl Acetate	3.82	43	1127080	104.76	ug/l	98
24) 1,1-Dichloroethane	3.70	63	133384	21.64	ug/l	99
25) 2-Butanone	4.71	43	277679	84.23	ug/l	98
26) 2,2-Dichloropropane	4.59	77	104883	16.81	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	70764	17.86	ug/l	96
28) Bromochloromethane	5.02	49	64039	23.65	ug/l	99
29) Tetrahydrofuran	5.17	42	181760	84.74	ug/l	100
30) Chloroform	5.22	83	121559	17.50	ug/l	98
31) Cyclohexane	5.58	56	114178	17.78	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	110338	17.04	ug/l	98
36) 1,1-Dichloropropene	5.81	75	93194	18.71	ug/l	100
37) Ethyl Acetate	4.87	43	109498	16.86	ug/l	99
38) Carbon Tetrachloride	5.78	117	96282	16.58	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	118201	19.32	ug/l	99
40) Benzene	6.15	78	273924	18.77	ug/l	99
41) Methacrylonitrile	5.06	41	62326	17.30	ug/l	98
42) 1,2-Dichloroethane	6.20	62	105428	18.09	ug/l	100
43) Isopropyl Acetate	6.47	43	185977	17.19	ug/l	99
44) Trichloroethene	7.21	130	79030	18.58	ug/l	99
45) 1,2-Dichloropropane	7.52	63	73116	18.45	ug/l	99
46) Dibromomethane	7.67	93	47848	18.24	ug/l	100
47) Bromodichloromethane	7.90	83	89195	15.94	ug/l	98
48) Methyl methacrylate	7.78	41	94625	17.18	ug/l	98
49) 1,4-Dioxane	7.76	88	34349	353.95	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	591703	90.72	ug/l	98
52) Toluene	8.79	92	175178	18.86	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	110173	17.10	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	102384	16.31	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	70231	18.10	ug/l	98
56) Ethyl methacrylate	9.18	69	114329	17.13	ug/l	99
57) 1,3-Dichloropropane	9.38	76	118090	18.48	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	263769	89.18	ug/l	100
59) 2-Hexanone	9.50	43	451222	89.72	ug/l	100
60) Dibromochloromethane	9.59	129	70674	15.38	ug/l	99
61) 1,2-Dibromoethane	9.68	107	73369	18.02	ug/l	100
64) Tetrachloroethene	9.34	164	92166	19.61	ug/l	97
65) Chlorobenzene	10.14	112	198101	19.07	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	71684	17.09	ug/l	100
67) Ethyl Benzene	10.26	91	344432	19.08	ug/l	100
68) m/p-Xylenes	10.36	106	263112	38.14	ug/l	99
69) o-Xylene	10.70	106	130961	19.01	ug/l	99
70) Styrene	10.71	104	211795	18.54	ug/l	100
71) Bromoform	10.86	173	55019	13.83	ug/l	99
73) Isopropylbenzene	11.02	105	352225	19.22	ug/l	100
74) N-amyl acetate	6.47	43	185977	17.52	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	99199	19.01	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	91815m	17.67	ug/l	
77) Bromobenzene	11.26	156	91621	18.85	ug/l	97
78) n-propylbenzene	11.37	91	398689	19.43	ug/l	100
79) 2-Chlorotoluene	11.43	91	236463	19.60	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	297692	19.01	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	30816	14.25	ug/l	89
82) 4-Chlorotoluene	11.51	91	279044	19.28	ug/l	100
83) tert-Butylbenzene	11.77	119	289610	18.85	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	304626	18.83	ug/l	100
85) sec-Butylbenzene	11.95	105	360493	19.52	ug/l	99
86) p-Isopropyltoluene	12.07	119	322622	19.52	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	167477	19.24	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	167712	19.27	ug/l	99
89) n-Butylbenzene	12.39	91	276527	19.74	ug/l	99
90) Hexachloroethane	12.60	117	48236	14.80	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	170793	19.25	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	23759	14.58	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	121422	19.14	ug/l	99
94) Hexachlorobutadiene	13.79	225	66986	19.63	ug/l	100
95) Naphthalene	13.84	128	362422	18.55	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	124756	19.01	ug/l	99

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

