

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX001983.D
 Acq On : 25 May 2018 17:56
 Operator : JC/MD
 Sample : VX0525WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/29/2018 4:39:23 PM

Quant Time: May 26 03:32:25 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	272051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	389622	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	239246	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	251258	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
35) Dibromofluoromethane	5.51	113	192618	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
50) Toluene-d8	8.72	98	703384	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	11.14	95	274500	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	70159	19.361	ug/l	97
3) Chloromethane	1.32	50	83017	19.833	ug/l	99
4) Vinyl Chloride	1.41	62	81449	20.153	ug/l	99
5) Bromomethane	1.64	94	50459	26.674	ug/l	98
6) Chloroethane	1.72	64	50015	20.992	ug/l	100
7) Trichlorofluoromethane	1.93	101	128812	21.223	ug/l	97
8) Diethyl Ether	2.19	74	50290	22.836	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	71992	21.256	ug/l	98
10) Methyl Iodide	2.51	142	103147	22.508	ug/l	99
11) Tert butyl alcohol	3.09	59	116763	122.322	ug/l	99
12) 1,1-Dichloroethene	2.37	96	65420	20.631	ug/l	96
13) Acrolein	2.30	56	38455	93.175	ug/l	97
14) Allyl chloride	2.73	41	144805	21.755	ug/l	99
15) Acrylonitrile	3.15	53	223918	114.074	ug/l	100
16) Acetone	2.45	43	220723	117.609	ug/l	100
17) Carbon Disulfide	2.57	76	184097	20.172	ug/l	100
18) Methyl Acetate	2.78	43	114491	24.750	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	266998	22.387	ug/l	100
20) Methylene Chloride	2.86	84	77717	23.017	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	70373	21.908	ug/l	98
22) Diisopropyl ether	3.88	45	284143	20.987	ug/l	99
23) Vinyl Acetate	3.83	43	1270579	113.188	ug/l	98
24) 1,1-Dichloroethane	3.70	63	142091	22.093	ug/l	100
25) 2-Butanone	4.71	43	360496	104.803	ug/l	98
26) 2,2-Dichloropropane	4.59	77	120812	18.559	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	83622	20.223	ug/l	94
28) Bromochloromethane	5.03	49	65827	23.265	ug/l	100
29) Tetrahydrofuran	5.17	42	233084	104.150	ug/l	99
30) Chloroform	5.22	83	143343	19.783	ug/l	98
31) Cyclohexane	5.58	56	126761	18.918	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	131370	19.448	ug/l	99
36) 1,1-Dichloropropene	5.81	75	102535	18.920	ug/l	98
37) Ethyl Acetate	4.87	43	140175	19.840	ug/l	100
38) Carbon Tetrachloride	5.79	117	118142	18.694	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	124634	18.719	ug/l	99
40) Benzene	6.15	78	312898	19.707	ug/l	100
41) Methacrylonitrile	5.07	41	78965	20.372	ug/l	98
42) 1,2-Dichloroethane	6.21	62	122978	19.391	ug/l	100
43) Isopropyl Acetate	6.48	43	235552	20.009	ug/l	100
44) Trichloroethene	7.22	130	90166	19.488	ug/l	99
45) 1,2-Dichloropropane	7.52	63	85934	19.930	ug/l	99
46) Dibromomethane	7.67	93	57985	20.311	ug/l	99
47) Bromodichloromethane	7.90	83	115820	19.027	ug/l	99
48) Methyl methacrylate	7.79	41	119489	19.942	ug/l	98
49) 1,4-Dioxane	7.76	88	45035	426.526	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	737117	103.868	ug/l	99
52) Toluene	8.79	92	197269	19.523	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	136215	19.429	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	132045	19.329	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	83689	19.826	ug/l	97
56) Ethyl methacrylate	9.19	69	140715	19.381	ug/l	99
57) 1,3-Dichloropropane	9.38	76	140465	20.200	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	332999	103.479	ug/l	100
59) 2-Hexanone	9.50	43	570299	104.221	ug/l	99
60) Dibromochloromethane	9.59	129	94904	18.982	ug/l	100
61) 1,2-Dibromoethane	9.68	107	88137	19.899	ug/l	100
64) Tetrachloroethene	9.34	164	99029	19.180	ug/l	98
65) Chlorobenzene	10.15	112	222386	19.492	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	86410	18.756	ug/l	99
67) Ethyl Benzene	10.26	91	387324	19.540	ug/l	99
68) m/p-Xylenes	10.37	106	293227	38.697	ug/l	100
69) o-Xylene	10.71	106	145817	19.273	ug/l	99
70) Styrene	10.72	104	245712	19.583	ug/l	100
71) Bromoform	10.86	173	80217	18.363	ug/l #	100
73) Isopropylbenzene	11.02	105	390395	19.270	ug/l	99
74) N-amyl acetate	6.48	43	235552	20.555	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	119030	20.741	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	130567m	22.721	ug/l	
77) Bromobenzene	11.26	156	105215	19.574	ug/l	98
78) n-propylbenzene	11.37	91	446843	19.693	ug/l	99
79) 2-Chlorotoluene	11.43	91	265266	19.924	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	333107	19.240	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	42850	17.921	ug/l	97
82) 4-Chlorotoluene	11.52	91	308948	19.305	ug/l	99
83) tert-Butylbenzene	11.77	119	320699	18.876	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	342484	19.142	ug/l	100
85) sec-Butylbenzene	11.95	105	396472	19.413	ug/l	100
86) p-Isopropyltoluene	12.07	119	356319	19.497	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	187162	19.443	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	188911	19.629	ug/l	100
89) n-Butylbenzene	12.39	91	313668	20.255	ug/l	99
90) Hexachloroethane	12.60	117	64283	17.832	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	189585	19.329	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	34188	18.980	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	141331	20.151	ug/l	100
94) Hexachlorobutadiene	13.79	225	69696	18.474	ug/l	99
95) Naphthalene	13.84	128	443865	20.542	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	144989	19.979	ug/l	99

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

