

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071918\
 Data File : VX003467.D
 Acq On : 19 Jul 2018 15:14
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 5:22:10 PM

Quant Time: Jul 19 15:39:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 15:12:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	326214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	453287	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	436186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	272168	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	568127	114.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	229.22%	
35) Dibromofluoromethane	5.51	113	535451	148.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.02%	
50) Toluene-d8	8.72	98	1934056	140.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	281.60%	
62) 4-Bromofluorobenzene	11.14	95	736584	141.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	283.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	385999	111.46	ug/l	100
3) Chloromethane	1.32	50	471775	114.52	ug/l	98
4) Vinyl Chloride	1.40	62	559044	130.78	ug/l	100
5) Bromomethane	1.63	94	238696	92.54	ug/l	100
6) Chloroethane	1.70	64	284790	101.08	ug/l	99
7) Trichlorofluoromethane	1.92	101	762987	109.86	ug/l	99
8) Diethyl Ether	2.19	74	331744	125.58	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	489060	125.97	ug/l	97
10) Methyl Iodide	2.50	142	698403	146.09	ug/l	92
11) Tert butyl alcohol	3.10	59	560737	547.17	ug/l	99
12) 1,1-Dichloroethene	2.37	96	474585	130.20	ug/l	82
13) Acrolein	2.29	56	261449	503.11	ug/l	99
14) Allyl chloride	2.72	41	837901	115.78	ug/l #	85
15) Acrylonitrile	3.15	53	1388266	620.80	ug/l	97
16) Acetone	2.45	43	1041618	476.26	ug/l #	87
17) Carbon Disulfide	2.56	76	1352678	156.47	ug/l	98
18) Methyl Acetate	2.78	43	644134	110.55	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	1557318	113.89	ug/l	100
20) Methylene Chloride	2.86	84	529204	118.01	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	509926	128.95	ug/l	91
22) Diisopropyl ether	3.88	45	1564605	119.49	ug/l	92
23) Vinyl Acetate	3.83	43	6522291	595.15	ug/l #	93
24) 1,1-Dichloroethane	3.69	63	903097	127.08	ug/l	99
25) 2-Butanone	4.71	43	1761252	613.21	ug/l #	90
26) 2,2-Dichloropropane	4.58	77	707140	138.48	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	582973	144.89	ug/l	92
28) Bromochloromethane	5.02	49	375316	112.77	ug/l	85
29) Tetrahydrofuran	5.17	42	1148577	610.17	ug/l	89
30) Chloroform	5.22	83	906006	132.20	ug/l	97
31) Cyclohexane	5.57	56	844209	144.28	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	831295	145.03	ug/l	95
36) 1,1-Dichloropropene	5.80	75	707631	146.99	ug/l	98
37) Ethyl Acetate	4.87	43	682090	125.18	ug/l #	94
38) Carbon Tetrachloride	5.78	117	725152	151.27	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	879852	156.34	ug/l	93
40) Benzene	6.15	78	2162502	149.81	ug/l	100
41) Methacrylonitrile	5.07	41	397353	129.15	ug/l	91
42) 1,2-Dichloroethane	6.20	62	663909	118.79	ug/l	94
43) Isopropyl Acetate	6.47	43	1133741	125.58	ug/l #	92
44) Trichloroethene	7.21	130	641223	153.90	ug/l	100
45) 1,2-Dichloropropane	7.52	63	553356	145.65	ug/l	99
46) Dibromomethane	7.67	93	361244	142.15	ug/l	94
47) Bromodichloromethane	7.90	83	697473	155.61	ug/l	98
48) Methyl methacrylate	7.78	41	586241	127.07	ug/l #	82
49) 1,4-Dioxane	7.76	88	254103	2908.45	ug/l #	92
51) 4-Methyl-2-Pentanone	8.66	43	3563471	614.75	ug/l	89
52) Toluene	8.79	92	1381101	149.99	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	887711	168.32	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	822308	168.32	ug/l #	88
55) 1,1,2-Trichloroethane	9.22	97	551792	148.30	ug/l	97
56) Ethyl methacrylate	9.18	69	867889	151.57	ug/l #	80
57) 1,3-Dichloropropane	9.37	76	902140	143.36	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1976220	713.57	ug/l	96
59) 2-Hexanone	9.50	43	2677902	613.08	ug/l	86
60) Dibromochloromethane	9.59	129	619759	172.56	ug/l	100
61) 1,2-Dibromoethane	9.68	107	593327	153.97	ug/l	100
64) Tetrachloroethene	9.34	164	715059	147.68	ug/l	98
65) Chlorobenzene	10.14	112	1612127	150.50	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	595134	162.96	ug/l	99
67) Ethyl Benzene	10.26	91	2690397	148.90	ug/l	98
68) m/p-Xylenes	10.36	106	2141099	307.21	ug/l	93
69) o-Xylene	10.70	106	1041595	152.11	ug/l	95
70) Styrene	10.71	104	1763741	156.62	ug/l	96
71) Bromoform	10.86	173	519375	189.24	ug/l	99
73) Isopropylbenzene	11.02	105	2725517	149.73	ug/l	99
74) N-amyl acetate	6.47	43	1133741	125.36	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.27	83	791961	147.33	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	690115m	134.37	ug/l	
77) Bromobenzene	11.26	156	776237	153.07	ug/l	95
78) n-propylbenzene	11.37	91	3082041	147.64	ug/l	97
79) 2-Chlorotoluene	11.43	91	1814679	145.59	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	2326622	151.24	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	270012	198.90	ug/l #	82
82) 4-Chlorotoluene	11.51	91	2162345	147.03	ug/l	96
83) tert-Butylbenzene	11.77	119	2282693	154.03	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	2375729	151.35	ug/l	97
85) sec-Butylbenzene	11.95	105	2728049	148.05	ug/l	98
86) p-Isopropyltoluene	12.07	119	2504548	150.22	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	1409042	151.51	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1417037	149.75	ug/l	98
89) n-Butylbenzene	12.39	91	2160653	146.90	ug/l	97
90) Hexachloroethane	12.60	117	397928	172.92	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	1398388	149.40	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	170504	151.43	ug/l	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1056118	155.46	ug/l	99
94) Hexachlorobutadiene	13.79	225	500499	139.86	ug/l	98
95) Naphthalene	13.83	128	2900402	158.66	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	1044492	153.09	ug/l	100

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

