

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX092618\
 Data File : VX004726.D
 Acq On : 26 Sep 2018 13:47
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Quant Time: Sep 26 14:09:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 13:18:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	305681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	377775	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	362054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	243861	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	586606	125.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	251.34%	
35) Dibromofluoromethane	5.50	113	488502	145.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.26%	
50) Toluene-d8	8.72	98	1631739	163.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	326.58%	
62) 4-Bromofluorobenzene	11.14	95	658600	182.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	365.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	651332	132.774	ug/l	97
3) Chloromethane	1.32	50	758174	140.229	ug/l	95
4) Vinyl Chloride	1.40	62	718715	141.501	ug/l	97
5) Bromomethane	1.64	94	384442	131.723	ug/l	99
6) Chloroethane	1.70	64	324092	116.659	ug/l	98
7) Trichlorofluoromethane	1.91	101	800209	123.075	ug/l	96
8) Diethyl Ether	2.19	74	361915	146.208	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	476784	147.126	ug/l	100
10) Methyl Iodide	2.50	142	655704	124.921	ug/l	99
11) Tert butyl alcohol	3.11	59	934164	755.504	ug/l	98
12) 1,1-Dichloroethene	2.36	96	449519	140.208	ug/l	89
13) Acrolein	2.29	56	616343	725.489	ug/l	87
14) Allyl chloride	2.72	41	1007434	134.936	ug/l	93
15) Acrylonitrile	3.16	53	1826714	648.742	ug/l	96
16) Acetone	2.46	43	1587510	597.714	ug/l	99
17) Carbon Disulfide	2.56	76	1490941	145.712	ug/l #	94
18) Methyl Acetate	2.78	43	837367	129.482	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	1725918	153.088	ug/l	97
20) Methylene Chloride	2.85	84	563241	133.778	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	490402	130.031	ug/l	91
22) Diisopropyl ether	3.88	45	1798310	142.879	ug/l	96
23) Vinyl Acetate	3.82	43	8318400	696.599	ug/l	96
24) 1,1-Dichloroethane	3.68	63	1017971	134.228	ug/l	97
25) 2-Butanone	4.72	43	2713796	702.824	ug/l #	88
26) 2,2-Dichloropropane	4.57	77	763466	151.526	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	569680	135.432	ug/l	89
28) Bromochloromethane	5.02	49	469761	141.141	ug/l	93
29) Tetrahydrofuran	5.17	42	1715270	687.726	ug/l	94
30) Chloroform	5.22	83	903085	136.923	ug/l	97
31) Cyclohexane	5.57	56	891647	143.498	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	808324	143.409	ug/l	99
36) 1,1-Dichloropropene	5.80	75	713388	167.606	ug/l	99
37) Ethyl Acetate	4.87	43	923933	158.831	ug/l	98
38) Carbon Tetrachloride	5.78	117	682834	152.125	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	783511	179.558	ug/l	97
40) Benzene	6.15	78	2221371	169.442	ug/l	94
41) Methacrylonitrile	5.07	41	545999	162.982	ug/l	95
42) 1,2-Dichloroethane	6.20	62	739673	157.228	ug/l	98
43) Isopropyl Acetate	6.46	43	1497987	167.217	ug/l	96
44) Trichloroethene	7.21	130	506909	165.984	ug/l	94
45) 1,2-Dichloropropane	7.52	63	511256	163.002	ug/l	100
46) Dibromomethane	7.66	93	326867	167.177	ug/l	98
47) Bromodichloromethane	7.90	83	641908	171.449	ug/l	98
48) Methyl methacrylate	7.78	41	678505	175.545	ug/l	93
49) 1,4-Dioxane	7.76	88	310868	3205.821	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	4643216	876.127	ug/l	96
52) Toluene	8.79	92	1187531	157.565	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	767159	162.727	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	803100	174.006	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	494995	150.500	ug/l	97
56) Ethyl methacrylate	9.18	69	855481	170.888	ug/l	95
57) 1,3-Dichloropropane	9.37	76	827915	147.173	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	2247096	839.750	ug/l	94
59) 2-Hexanone	9.51	43	3833978	810.321	ug/l	95
60) Dibromochloromethane	9.59	129	541011	150.554	ug/l	100
61) 1,2-Dibromoethane	9.68	107	526689	141.030	ug/l	99
64) Tetrachloroethene	9.34	164	478526	131.891	ug/l	98
65) Chlorobenzene	10.14	112	1358967	149.245	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	500087	157.239	ug/l	99
67) Ethyl Benzene	10.26	91	2349057	161.317	ug/l	98
68) m/p-Xylenes	10.36	106	1830135	307.225	ug/l	96
69) o-Xylene	10.70	106	896678	166.370	ug/l	97
70) Styrene	10.71	104	1543756	167.384	ug/l	97
71) Bromoform	10.86	173	499545	174.847	ug/l	99
73) Isopropylbenzene	11.02	105	2365949	138.022	ug/l	100
74) N-amyl acetate	10.90	43	1310336	156.498	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	922151	149.543	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	1112348	196.858	ug/l	88
77) Bromobenzene	11.26	156	662068	142.302	ug/l	97
78) n-propylbenzene	11.37	91	2811881	141.859	ug/l	99
79) 2-Chlorotoluene	11.43	91	1700509	142.931	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	2092745	141.756	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	314784	167.691	ug/l	94
82) 4-Chlorotoluene	11.51	91	2022225	142.901	ug/l	100
83) tert-Butylbenzene	11.77	119	2075784	147.779	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	2156172	141.956	ug/l	99
85) sec-Butylbenzene	11.95	105	2443969	142.964	ug/l	99
86) p-Isopropyltoluene	12.07	119	2235098	143.866	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	1253741	145.384	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1276902	145.881	ug/l	99
89) n-Butylbenzene	12.39	91	2098868	150.177	ug/l	99
90) Hexachloroethane	12.60	117	381609	164.044	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	1286901	146.096	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	214097	154.200	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	986952	152.457	ug/l	99
94) Hexachlorobutadiene	13.79	225	460162	148.112	ug/l	97
95) Naphthalene	13.83	128	3055165	147.135	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	986226	147.844	ug/l	99

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

