

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012819\
 Data File : VX007257.D
 Acq On : 28 Jan 2019 13:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/29/2019 9:51:14 AM

Quant Time: Jan 29 03:02:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	485161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	687057	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	635009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	344165	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	251988	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
35) Dibromofluoromethane	5.50	113	230993	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
50) Toluene-d8	8.71	98	849107	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
62) 4-Bromofluorobenzene	11.13	95	313702	55.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	179563	45.070	ug/l	100
3) Chloromethane	1.33	50	208139	44.876	ug/l	97
4) Vinyl Chloride	1.41	62	225498	45.198	ug/l	100
5) Bromomethane	1.64	94	237950	44.640	ug/l	98
6) Chloroethane	1.71	64	150540	43.213	ug/l	98
7) Trichlorofluoromethane	1.93	101	385913	47.872	ug/l	97
8) Diethyl Ether	2.19	74	151319	47.182	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	235018	48.696	ug/l	99
10) Methyl Iodide	2.51	142	326643	50.174	ug/l	100
11) Tert butyl alcohol	3.07	59	270980	226.560	ug/l	99
12) 1,1-Dichloroethene	2.37	96	209360	46.952	ug/l	99
13) Acrolein	2.29	56	135982	263.444	ug/l	97
14) Allyl chloride	2.73	41	376769	49.303	ug/l	100
15) Acrylonitrile	3.15	53	682712	248.646	ug/l	100
16) Acetone	2.45	43	611734	244.048	ug/l	100
17) Carbon Disulfide	2.57	76	456255	39.743	ug/l	99
18) Methyl Acetate	2.78	43	379346	52.259	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	776324	50.161	ug/l	99
20) Methylene Chloride	2.85	84	242634	50.902	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	224559	45.191	ug/l	97
22) Diisopropyl ether	3.87	45	727190	50.617	ug/l	97
23) Vinyl Acetate	3.82	43	2974960	245.546	ug/l	99
24) 1,1-Dichloroethane	3.70	63	420378	52.329	ug/l	97
25) 2-Butanone	4.70	43	872758	243.338	ug/l	99
26) 2,2-Dichloropropane	4.58	77	315441	51.064	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	258037	47.078	ug/l	97
28) Bromochloromethane	5.02	49	165837	47.117	ug/l	96
29) Tetrahydrofuran	5.15	42	560616	240.520	ug/l	96
30) Chloroform	5.21	83	421626	50.129	ug/l	98
31) Cyclohexane	5.57	56	328154	45.896	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	359672	50.451	ug/l	99
36) 1,1-Dichloropropene	5.79	75	296649	49.662	ug/l	99
37) Ethyl Acetate	4.85	43	326621	51.002	ug/l	97
38) Carbon Tetrachloride	5.78	117	312629	52.019	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	367856	48.306	ug/l	95
40) Benzene	6.14	78	907309	49.779	ug/l	100
41) Methacrylonitrile	5.06	41	186052	50.431	ug/l	98
42) 1,2-Dichloroethane	6.20	62	318953	50.640	ug/l	99
43) Isopropyl Acetate	6.46	43	541417	53.598	ug/l	97
44) Trichloroethene	7.21	130	274230	50.209	ug/l	100
45) 1,2-Dichloropropane	7.51	63	240693	52.527	ug/l	98
46) Dibromomethane	7.66	93	168390	52.288	ug/l	99
47) Bromodichloromethane	7.90	83	308592	56.296	ug/l	97
48) Methyl methacrylate	7.77	41	275393	53.088	ug/l	98
49) 1,4-Dioxane	7.75	88	114048	962.380	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1762575	271.507	ug/l	99
52) Toluene	8.78	92	607574	51.863	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	348534	57.340	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	374157	55.739	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	259867	55.420	ug/l	99
56) Ethyl methacrylate	9.18	69	377479	55.144	ug/l	95
57) 1,3-Dichloropropane	9.37	76	411203	53.529	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	915655	260.159	ug/l	98
59) 2-Hexanone	9.49	43	1326663	268.168	ug/l	99
60) Dibromochloromethane	9.58	129	276857	60.805	ug/l	98
61) 1,2-Dibromoethane	9.67	107	278265	53.905	ug/l	99
64) Tetrachloroethene	9.34	164	294795	53.621	ug/l	96
65) Chlorobenzene	10.14	112	715250	51.643	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	263665	56.591	ug/l	99
67) Ethyl Benzene	10.25	91	1183100	51.744	ug/l	98
68) m/p-Xylenes	10.36	106	927933	103.009	ug/l	99
69) o-Xylene	10.69	106	454267	51.708	ug/l	96
70) Styrene	10.71	104	739171	53.124	ug/l	97
71) Bromoform	10.86	173	210548	50.463	ug/l	98
73) Isopropylbenzene	11.02	105	1227429	50.577	ug/l	100
74) N-amyl acetate	10.90	43	484870	49.623	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	375919	48.793	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	356542m	51.122	ug/l	
77) Bromobenzene	11.26	156	328930	49.190	ug/l	99
78) n-propylbenzene	11.36	91	1386327	52.036	ug/l	99
79) 2-Chlorotoluene	11.42	91	803539	50.105	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1016760	50.141	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	110173	47.849	ug/l	97
82) 4-Chlorotoluene	11.51	91	939756	50.610	ug/l	100
83) tert-Butylbenzene	11.77	119	1012370	50.038	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1042159	51.108	ug/l	99
85) sec-Butylbenzene	11.94	105	1259373	52.121	ug/l	99
86) p-Isopropyltoluene	12.06	119	1131366	52.347	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	603668	49.946	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	607795	53.066	ug/l	99
89) n-Butylbenzene	12.39	91	987476	53.597	ug/l	98
90) Hexachloroethane	12.60	117	179485	51.902	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	598393	50.169	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	77708	50.998	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	430214	52.573	ug/l	99
94) Hexachlorobutadiene	13.78	225	206274	56.803	ug/l	99
95) Naphthalene	13.83	128	1277120	51.504	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	421579	51.861	ug/l	99

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

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