

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071219\
 Data File : VX010851.D
 Acq On : 12 Jul 2019 21:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/15/2019 11:01:16 AM

Quant Time: Jul 13 05:27:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	236928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	362096	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	335288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175195	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	95901	43.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.34%	
35) Dibromofluoromethane	5.50	113	91889	41.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.96%	
50) Toluene-d8	8.71	98	336538	39.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.42%	
62) 4-Bromofluorobenzene	11.13	95	127146	41.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.10%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	77270	46.910	ug/l 99
3) Chloromethane	1.32	50	82263	42.889	ug/l 98
4) Vinyl Chloride	1.41	62	90344	43.004	ug/l 97
5) Bromomethane	1.64	94	48586	47.471	ug/l 99
6) Chloroethane	1.71	64	57555	46.436	ug/l 96
7) Trichlorofluoromethane	1.92	101	156158	46.890	ug/l 100
8) Diethyl Ether	2.19	74	55528	46.494	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	88787	43.993	ug/l 99
10) Methyl Iodide	2.51	142	101647	35.291	ug/l 97
11) Tert butyl alcohol	3.05	59	113687	195.581	ug/l 98
12) 1,1-Dichloroethene	2.37	96	89499	43.581	ug/l 99
13) Acrolein	2.29	56	92342	239.473	ug/l 98
14) Allyl chloride	2.73	41	130162	44.644	ug/l 98
15) Acrylonitrile	3.14	53	265480	230.679	ug/l 99
16) Acetone	2.45	43	215265	193.355	ug/l 99
17) Carbon Disulfide	2.57	76	208466	37.837	ug/l 99
18) Methyl Acetate	2.78	43	103335	46.570	ug/l 100
19) Methyl tert-butyl Ether	3.20	73	296522	45.897	ug/l 98
20) Methylene Chloride	2.85	84	103557	45.199	ug/l 97
21) trans-1,2-Dichloroethene	3.17	96	94592	42.827	ug/l 99
22) Diisopropyl ether	3.85	45	283628	46.528	ug/l 95
23) Vinyl Acetate	3.81	43	1240393	235.542	ug/l 99
24) 1,1-Dichloroethane	3.70	63	159167	45.172	ug/l 99
25) 2-Butanone	4.67	43	364590	223.251	ug/l 99
26) 2,2-Dichloropropane	4.58	77	114721	37.479	ug/l 100
27) cis-1,2-Dichloroethene	4.60	96	113950	44.645	ug/l 100
28) Bromochloromethane	5.02	49	69052	40.988	ug/l 95
29) Tetrahydrofuran	5.13	42	232206	229.555	ug/l 99
30) Chloroform	5.21	83	173966	45.887	ug/l 97
31) Cyclohexane	5.58	56	140299	43.724	ug/l 98
32) 1,1,1-Trichloroethane	5.50	97	150066	44.828	ug/l 99
36) 1,1-Dichloropropene	5.80	75	121539	42.239	ug/l 99
37) Ethyl Acetate	4.84	43	137713	46.522	ug/l 99
38) Carbon Tetrachloride	5.78	117	128922	41.376	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	154856	40.942	ug/l	94
40) Benzene	6.14	78	388017	43.284	ug/l	98
41) Methacrylonitrile	5.04	41	73110	45.013	ug/l	98
42) 1,2-Dichloroethane	6.19	62	131466	48.177	ug/l	98
43) Isopropyl Acetate	6.45	43	219608	44.840	ug/l	98
44) Trichloroethene	7.21	130	112207	41.831	ug/l	99
45) 1,2-Dichloropropane	7.51	63	99764	44.069	ug/l	99
46) Dibromomethane	7.66	93	72479	44.624	ug/l	95
47) Bromodichloromethane	7.90	83	128682	43.232	ug/l	99
48) Methyl methacrylate	7.77	41	106569	46.814	ug/l	97
49) 1,4-Dioxane	7.74	88	57499	876.795	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	740309	236.348	ug/l	98
52) Toluene	8.78	92	253941	43.016	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	138313	41.446	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	153418	42.304	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	108398	44.522	ug/l	97
56) Ethyl methacrylate	9.18	69	163411	44.306	ug/l	95
57) 1,3-Dichloropropane	9.37	76	168911	44.693	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	347185	198.204	ug/l	99
59) 2-Hexanone	9.49	43	572154	232.091	ug/l	97
60) Dibromochloromethane	9.58	129	112705	41.343	ug/l	98
61) 1,2-Dibromoethane	9.67	107	115605	43.990	ug/l	100
64) Tetrachloroethene	9.34	164	107717	39.720	ug/l	99
65) Chlorobenzene	10.13	112	289236	42.491	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	105584	42.583	ug/l	100
67) Ethyl Benzene	10.25	91	497169	43.263	ug/l	99
68) m/p-Xylenes	10.36	106	385864	86.658	ug/l	98
69) o-Xylene	10.69	106	188058	42.947	ug/l	98
70) Styrene	10.71	104	324792	44.228	ug/l	99
71) Bromoform	10.85	173	86791	40.252	ug/l #	99
73) Isopropylbenzene	11.02	105	501531	42.230	ug/l	98
74) N-amyl acetate	10.90	43	205562	45.800	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	170396	43.324	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	140218m	43.921	ug/l	
77) Bromobenzene	11.26	156	135816	40.956	ug/l	96
78) n-propylbenzene	11.36	91	569608	43.640	ug/l	99
79) 2-Chlorotoluene	11.42	91	331307	42.627	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	421207	43.023	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48208	35.227	ug/l	89
82) 4-Chlorotoluene	11.51	91	387616	43.828	ug/l	100
83) tert-Butylbenzene	11.77	119	419072	42.647	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	427756	43.488	ug/l	99
85) sec-Butylbenzene	11.94	105	491961	42.640	ug/l	100
86) p-Isopropyltoluene	12.06	119	459188	43.028	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	241874	41.785	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	239026	40.561	ug/l	99
89) n-Butylbenzene	12.38	91	394878	43.544	ug/l	99
90) Hexachloroethane	12.60	117	71502	38.748	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	243268	42.285	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34964	41.232	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	164733	41.290	ug/l	100
94) Hexachlorobutadiene	13.78	225	78997	40.514	ug/l	98
95) Naphthalene	13.83	128	511167	41.692	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	165314	41.675	ug/l	99

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

