

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020620\
 Data File : VX014860.D
 Acq On : 06 Feb 2020 20:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/7/2020 11:45:00 AM

Quant Time: Feb 07 03:20:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	430783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	657022	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	599395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	310885	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	229210	45.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.12%	
35) Dibromofluoromethane	5.49	113	190206	45.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.76%	
50) Toluene-d8	8.71	98	711940	44.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.34%	
62) 4-Bromofluorobenzene	11.13	95	260695	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	240264	41.642	ug/l	100
3) Chloromethane	1.32	50	237153	40.694	ug/l	98
4) Vinyl Chloride	1.40	62	282720	44.868	ug/l	99
5) Bromomethane	1.63	94	174963	40.880	ug/l	97
6) Chloroethane	1.72	64	161621	44.685	ug/l	99
7) Trichlorofluoromethane	1.92	101	341121	46.494	ug/l	98
8) Diethyl Ether	2.18	74	149817	46.782	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	197934	45.955	ug/l	97
10) Methyl Iodide	2.50	142	290080	51.327	ug/l	99
11) Tert butyl alcohol	3.03	59	250475	221.775	ug/l	100
12) 1,1-Dichloroethene	2.36	96	193327	45.145	ug/l	98
13) Acrolein	2.28	56	215680	242.198	ug/l	99
14) Allyl chloride	2.72	41	349490	45.404	ug/l	97
15) Acrylonitrile	3.13	53	617013	236.115	ug/l	100
16) Acetone	2.43	43	549763	199.432	ug/l	99
17) Carbon Disulfide	2.56	76	449069	38.368	ug/l	100
18) Methyl Acetate	2.76	43	390054	49.563	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	717517	51.154	ug/l	99
20) Methylene Chloride	2.85	84	226510	44.399	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	206450	43.784	ug/l	99
22) Diisopropyl ether	3.84	45	726357	47.431	ug/l	98
23) Vinyl Acetate	3.80	43	2763874	236.758	ug/l	98
24) 1,1-Dichloroethane	3.69	63	392234	47.162	ug/l	99
25) 2-Butanone	4.65	43	871121	220.527	ug/l	97
26) 2,2-Dichloropropane	4.58	77	318235	47.805	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	252889	47.921	ug/l	98
28) Bromochloromethane	5.01	49	158891	43.477	ug/l	94
29) Tetrahydrofuran	5.11	42	550204	234.678	ug/l	97
30) Chloroform	5.20	83	401660	48.753	ug/l	99
31) Cyclohexane	5.57	56	338438	43.266	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	341757	49.075	ug/l	98
36) 1,1-Dichloropropene	5.79	75	283600	46.454	ug/l	98
37) Ethyl Acetate	4.82	43	336634	48.143	ug/l	99
38) Carbon Tetrachloride	5.78	117	285353	48.941	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	351007	45.894	ug/l	95
40) Benzene	6.14	78	881620	46.737	ug/l	99
41) Methacrylonitrile	5.03	41	187076	46.880	ug/l	97
42) 1,2-Dichloroethane	6.19	62	321916	49.419	ug/l	100
43) Isopropyl Acetate	6.43	43	562764	49.149	ug/l	99
44) Trichloroethene	7.21	130	250221	46.962	ug/l	98
45) 1,2-Dichloropropane	7.51	63	228845	47.091	ug/l	100
46) Dibromomethane	7.65	93	153987	48.926	ug/l	96
47) Bromodichloromethane	7.89	83	307915	49.881	ug/l	99
48) Methyl methacrylate	7.76	41	276056	50.459	ug/l	98
49) 1,4-Dioxane	7.73	88	103018	888.321	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1734622	240.026	ug/l	100
52) Toluene	8.78	92	565892	48.803	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	345947	52.047	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	375857	51.402	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	237248	49.974	ug/l	98
56) Ethyl methacrylate	9.17	69	381745	47.523	ug/l	99
57) 1,3-Dichloropropane	9.37	76	400076	49.298	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	601643	251.996	ug/l	97
59) 2-Hexanone	9.48	43	1323256	235.963	ug/l	99
60) Dibromochloromethane	9.57	129	254893	51.439	ug/l	99
61) 1,2-Dibromoethane	9.67	107	250275	49.861	ug/l	100
64) Tetrachloroethene	9.33	164	290122	48.898	ug/l	98
65) Chlorobenzene	10.14	112	627119	48.915	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	240722	50.924	ug/l	98
67) Ethyl Benzene	10.25	91	1096835	50.104	ug/l	100
68) m/p-Xylenes	10.36	106	833544	100.507	ug/l	99
69) o-Xylene	10.70	106	410388	51.257	ug/l	99
70) Styrene	10.71	104	707411	52.672	ug/l	99
71) Bromoform	10.85	173	199616	53.101	ug/l #	99
73) Isopropylbenzene	11.01	105	1084986	49.635	ug/l	99
74) N-amyl acetate	10.89	43	497091	51.894	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	356118	45.628	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	299640m	41.427	ug/l	
77) Bromobenzene	11.25	156	292285	49.772	ug/l	94
78) n-propylbenzene	11.35	91	1227394	49.467	ug/l	99
79) 2-Chlorotoluene	11.42	91	729190	48.570	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	913958	50.377	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	118745	46.720	ug/l	97
82) 4-Chlorotoluene	11.51	91	840059	49.150	ug/l	99
83) tert-Butylbenzene	11.76	119	862329	50.582	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	919128	50.508	ug/l	99
85) sec-Butylbenzene	11.94	105	1058427	50.679	ug/l	99
86) p-Isopropyltoluene	12.06	119	977805	50.661	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	512351	48.547	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	518784	49.073	ug/l	99
89) n-Butylbenzene	12.39	91	856970	50.980	ug/l	99
90) Hexachloroethane	12.59	117	170705	47.616	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	510956	48.746	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	81953	48.873	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	371162	54.922	ug/l	98
94) Hexachlorobutadiene	13.78	225	176448	50.729	ug/l	98
95) Naphthalene	13.83	128	1140747	52.302	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	370146	54.168	ug/l	98

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

