

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091120\
 Data File : VX018372.D
 Acq On : 11 Sep 2020 19:38
 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
 9/14/2020 12:10:00 PM

Quant Time: Sep 12 07:20:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	380982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	611105	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	597789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	326897	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	276065	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
35) Dibromofluoromethane	5.47	113	210989	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
50) Toluene-d8	8.70	98	742061	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
62) 4-Bromofluorobenzene	11.12	95	304098	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	223445	48.172	ug/l	99
3) Chloromethane	1.31	50	207881	42.509	ug/l	95
4) Vinyl Chloride	1.39	62	220868	45.371	ug/l	100
5) Bromomethane	1.62	94	145908	62.140	ug/l	95
6) Chloroethane	1.71	64	134647	51.497	ug/l	96
7) Trichlorofluoromethane	1.92	101	379852	57.224	ug/l	95
8) Diethyl Ether	2.17	74	120011	53.311	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	192666	53.687	ug/l	99
10) Methyl Iodide	2.49	142	200250	51.927	ug/l	97
11) Tert butyl alcohol	3.01	59	259234	252.081	ug/l	98
12) 1,1-Dichloroethene	2.36	96	189504	50.899	ug/l	97
13) Acrolein	2.27	56	177204	415.574	ug/l	99
14) Allyl chloride	2.71	41	344368	51.482	ug/l	96
15) Acrylonitrile	3.12	53	605590	259.604	ug/l	99
16) Acetone	2.42	43	530035	257.184	ug/l	95
17) Carbon Disulfide	2.55	76	488438	43.397	ug/l	99
18) Methyl Acetate	2.75	43	306471	61.624	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	708164	55.462	ug/l	98
20) Methylene Chloride	2.84	84	220526	52.388	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	207751	50.365	ug/l	96
22) Diisopropyl ether	3.82	45	704835	53.388	ug/l	90
23) Vinyl Acetate	3.79	43	3094410	263.411	ug/l	99
24) 1,1-Dichloroethane	3.67	63	397850	52.939	ug/l	99
25) 2-Butanone	4.64	43	852042	251.559	ug/l	98
26) 2,2-Dichloropropane	4.56	77	332984	54.456	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	237936	50.064	ug/l	99
28) Bromochloromethane	4.98	49	183153	50.489	ug/l	98
29) Tetrahydrofuran	5.09	42	537046	249.079	ug/l	97
30) Chloroform	5.18	83	423643	54.441	ug/l	99
31) Cyclohexane	5.55	56	305347	48.234	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	394422	55.232	ug/l	99
36) 1,1-Dichloropropene	5.77	75	292282	51.855	ug/l	99
37) Ethyl Acetate	4.79	43	330495	50.484	ug/l	99
38) Carbon Tetrachloride	5.76	117	362954	57.139	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	310275	50.342	ug/l	99
40) Benzene	6.12	78	839488	50.687	ug/l	97
41) Methacrylonitrile	5.01	41	178137	49.558	ug/l	95
42) 1,2-Dichloroethane	6.16	62	358762	56.537	ug/l	98
43) Isopropyl Acetate	6.42	43	536902	50.777	ug/l	99
44) Trichloroethene	7.19	130	239194	51.112	ug/l	96
45) 1,2-Dichloropropane	7.49	63	231376	51.834	ug/l	100
46) Dibromomethane	7.63	93	164410	52.376	ug/l	98
47) Bromodichloromethane	7.87	83	347216	55.398	ug/l	97
48) Methyl methacrylate	7.75	41	271757	51.628	ug/l	98
49) 1,4-Dioxane	7.71	88	85804	899.910	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1724880	264.086	ug/l	100
52) Toluene	8.77	92	550026	52.373	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	376609	54.216	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	381280	51.814	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	234948	52.455	ug/l	96
56) Ethyl methacrylate	9.16	69	353665	53.114	ug/l	98
57) 1,3-Dichloropropane	9.35	76	385847	52.229	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	872044	291.133	ug/l	98
59) 2-Hexanone	9.48	43	1322024	266.190	ug/l	99
60) Dibromochloromethane	9.57	129	291277	55.435	ug/l	99
61) 1,2-Dibromoethane	9.65	107	257502	52.954	ug/l	99
64) Tetrachloroethene	9.32	164	205685	46.822	ug/l	93
65) Chlorobenzene	10.12	112	608945	51.004	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	254380	54.059	ug/l	98
67) Ethyl Benzene	10.24	91	1073370	52.866	ug/l	100
68) m/p-Xylenes	10.34	106	821248	108.369	ug/l	98
69) o-Xylene	10.68	106	391031	53.228	ug/l	97
70) Styrene	10.70	104	687174	54.927	ug/l	98
71) Bromoform	10.84	173	226304	56.383	ug/l #	99
73) Isopropylbenzene	11.01	105	1094870	50.777	ug/l	100
74) N-amyl acetate	10.88	43	506245	49.483	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	369599	48.590	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	340889m	46.877	ug/l	
77) Bromobenzene	11.24	156	292587	49.089	ug/l	97
78) n-propylbenzene	11.35	91	1237772	50.556	ug/l	100
79) 2-Chlorotoluene	11.40	91	748278	49.469	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	927321	52.335	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	124503	46.241	ug/l	93
82) 4-Chlorotoluene	11.49	91	907724	50.479	ug/l	99
83) tert-Butylbenzene	11.76	119	918617	52.533	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	953928	52.657	ug/l	100
85) sec-Butylbenzene	11.93	105	1044276	52.515	ug/l	99
86) p-Isopropyltoluene	12.05	119	983735	53.856	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	522516	49.932	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	524432	50.051	ug/l	96
89) n-Butylbenzene	12.37	91	858329	51.484	ug/l	99
90) Hexachloroethane	12.58	117	198758	55.306	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	496282	50.381	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	91583	48.153	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	319891	48.700	ug/l	98
94) Hexachlorobutadiene	13.77	225	139181	53.719	ug/l	97
95) Naphthalene	13.82	128	1081422	50.025	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	322708	49.720	ug/l	98

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

