

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100920\
 Data File : VX018871.D
 Acq On : 09 Oct 2020 21:32
 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
 10/12/2020 2:23:36 PM

Quant Time: Oct 10 07:13:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	201045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	300844	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	301447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	165258	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	146663	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
35) Dibromofluoromethane	5.46	113	105595	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	8.70	98	374178	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.12	95	157401	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	118772	49.961	ug/l	99
3) Chloromethane	1.31	50	95577	50.722	ug/l	99
4) Vinyl Chloride	1.39	62	103423	49.100	ug/l	97
5) Bromomethane	1.63	94	58961	50.259	ug/l	99
6) Chloroethane	1.71	64	69618	49.348	ug/l	100
7) Trichlorofluoromethane	1.92	101	206258	49.678	ug/l	99
8) Diethyl Ether	2.17	74	58478	50.530	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	97360	48.826	ug/l	98
10) Methyl Iodide	2.49	142	75082	36.968	ug/l	100
11) Tert butyl alcohol	3.01	59	111787	239.364	ug/l	100
12) 1,1-Dichloroethene	2.36	96	93398	50.334	ug/l	94
13) Acrolein	2.27	56	82735	212.925	ug/l	97
14) Allyl chloride	2.71	41	179000	53.173	ug/l	94
15) Acrylonitrile	3.12	53	250806	253.220	ug/l	99
16) Acetone	2.42	43	258761	230.795	ug/l	100
17) Carbon Disulfide	2.55	76	263961	48.483	ug/l	99
18) Methyl Acetate	2.75	43	122050	49.515	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	318582	51.175	ug/l	99
20) Methylene Chloride	2.84	84	108231	51.161	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	108483	50.374	ug/l	96
22) Diisopropyl ether	3.82	45	305418	50.693	ug/l	92
23) Vinyl Acetate	3.78	43	1527549	263.626	ug/l	99
24) 1,1-Dichloroethane	3.67	63	192880	47.616	ug/l	99
25) 2-Butanone	4.64	43	389321	242.406	ug/l	99
26) 2,2-Dichloropropane	4.55	77	170826	43.708	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	115863	48.447	ug/l	97
28) Bromochloromethane	4.98	49	84935	47.552	ug/l	98
29) Tetrahydrofuran	5.09	42	220790	256.228	ug/l	98
30) Chloroform	5.18	83	214942	48.162	ug/l	95
31) Cyclohexane	5.55	56	139722	50.449	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	203576	48.000	ug/l	99
36) 1,1-Dichloropropene	5.78	75	150125	47.462	ug/l	100
37) Ethyl Acetate	4.79	43	153862	50.371	ug/l	99
38) Carbon Tetrachloride	5.76	117	193320	49.310	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	147191	50.481	ug/l	100
40) Benzene	6.11	78	413762	48.689	ug/l	98
41) Methacrylonitrile	5.00	41	86621	48.884	ug/l	98
42) 1,2-Dichloroethane	6.17	62	188407	47.290	ug/l	99
43) Isopropyl Acetate	6.42	43	252309	49.703	ug/l	99
44) Trichloroethene	7.19	130	122316	47.995	ug/l	98
45) 1,2-Dichloropropane	7.49	63	108302	48.165	ug/l	100
46) Dibromomethane	7.63	93	81690	49.161	ug/l	98
47) Bromodichloromethane	7.87	83	175817	48.826	ug/l	95
48) Methyl methacrylate	7.74	41	129185	50.153	ug/l	98
49) 1,4-Dioxane	7.72	88	34842	964.689	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	791354	267.091	ug/l	100
52) Toluene	8.76	92	272881	50.038	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	185186	49.667	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	188049	49.028	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	113254	48.348	ug/l	96
56) Ethyl methacrylate	9.16	69	167813	49.129	ug/l	100
57) 1,3-Dichloropropane	9.35	76	190727	50.179	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	437620	258.211	ug/l	99
59) 2-Hexanone	9.47	43	601557	266.487	ug/l	100
60) Dibromochloromethane	9.57	129	143939	48.950	ug/l	98
61) 1,2-Dibromoethane	9.65	107	123332	49.097	ug/l	99
64) Tetrachloroethene	9.32	164	102583	46.524	ug/l	98
65) Chlorobenzene	10.12	112	306411	47.036	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	129187	48.069	ug/l	96
67) Ethyl Benzene	10.23	91	538513	49.002	ug/l	99
68) m/p-Xylenes	10.34	106	408491	97.836	ug/l	100
69) o-Xylene	10.68	106	194146	49.353	ug/l	99
70) Styrene	10.70	104	338782	50.870	ug/l	99
71) Bromoform	10.84	173	111192	47.834	ug/l #	99
73) Isopropylbenzene	11.00	105	547963	50.688	ug/l	99
74) N-amyl acetate	10.88	43	231253	54.068	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	173875	48.257	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	166546m	46.772	ug/l	
77) Bromobenzene	11.24	156	146930	49.478	ug/l	99
78) n-propylbenzene	11.34	91	618536	50.213	ug/l	100
79) 2-Chlorotoluene	11.40	91	376033	48.972	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	474160	51.277	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	58018	46.175	ug/l	98
82) 4-Chlorotoluene	11.49	91	452734	49.586	ug/l	99
83) tert-Butylbenzene	11.76	119	465610	50.280	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	475984	50.636	ug/l	100
85) sec-Butylbenzene	11.93	105	526555	50.473	ug/l	98
86) p-Isopropyltoluene	12.05	119	508122	51.340	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	260261	47.721	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	268942	48.684	ug/l	97
89) n-Butylbenzene	12.37	91	426610	49.610	ug/l	99
90) Hexachloroethane	12.58	117	84713	46.040	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	250409	48.236	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44462	48.249	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	162048	48.657	ug/l	99
94) Hexachlorobutadiene	13.76	225	74075	50.075	ug/l	96
95) Naphthalene	13.82	128	510402	46.155	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	161552	49.579	ug/l	99

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

