

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101320\
 Data File : VX018925.D
 Acq On : 13 Oct 2020 12:02
 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
 10/14/2020 2:08:24 PM

Quant Time: Oct 14 02:08:19 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	5.62	168	262835	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	353130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	357283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203822	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	174353	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	
35) Dibromofluoromethane	5.46	113	130410	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
50) Toluene-d8	8.70	98	473258	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	
62) 4-Bromofluorobenzene	11.12	95	180533	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	151007	48.632	ug/l	99
3) Chloromethane	1.31	50	135868	55.153	ug/l	100
4) Vinyl Chloride	1.39	62	149185	54.176	ug/l	98
5) Bromomethane	1.62	94	85436	55.706	ug/l	97
6) Chloroethane	1.71	64	90521	49.081	ug/l	98
7) Trichlorofluoromethane	1.92	101	245648	45.256	ug/l	95
8) Diethyl Ether	2.17	74	74042	48.970	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	124290	47.678	ug/l	98
10) Methyl Iodide	2.49	142	107476	40.099	ug/l	95
11) Tert butyl alcohol	3.01	59	148022	242.440	ug/l	97
12) 1,1-Dichloroethene	2.36	96	120149	49.540	ug/l	97
13) Acrolein	2.27	56	117908	232.108	ug/l	97
14) Allyl chloride	2.70	41	226132	51.382	ug/l	94
15) Acrylonitrile	3.11	53	342738	264.687	ug/l	99
16) Acetone	2.42	43	360575	246.348	ug/l	98
17) Carbon Disulfide	2.55	76	345062	48.479	ug/l	99
18) Methyl Acetate	2.75	43	172801	53.624	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	395620	48.610	ug/l	98
20) Methylene Chloride	2.83	84	142004	51.343	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	136688	48.550	ug/l	95
22) Diisopropyl ether	3.82	45	410564	52.125	ug/l	98
23) Vinyl Acetate	3.78	43	1986232	262.201	ug/l	98
24) 1,1-Dichloroethane	3.67	63	249701	47.152	ug/l	98
25) 2-Butanone	4.63	43	504471	240.260	ug/l	99
26) 2,2-Dichloropropane	4.54	77	230227	45.058	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	145187	46.437	ug/l	98
28) Bromochloromethane	4.98	49	109120	46.756	ug/l	95
29) Tetrahydrofuran	5.09	42	290148	257.559	ug/l	96
30) Chloroform	5.17	83	267499	45.847	ug/l	100
31) Cyclohexane	5.55	56	182101	50.294	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	247537	44.644	ug/l	99
36) 1,1-Dichloropropene	5.76	75	190611	51.339	ug/l	98
37) Ethyl Acetate	4.79	43	199503	55.643	ug/l	99
38) Carbon Tetrachloride	5.75	117	232755	50.578	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	177611	51.894	ug/l	99
40) Benzene	6.11	78	528894	53.022	ug/l	98
41) Methacrylonitrile	5.00	41	106029	50.977	ug/l	99
42) 1,2-Dichloroethane	6.16	62	226647	48.465	ug/l	100
43) Isopropyl Acetate	6.41	43	310227	52.063	ug/l	99
44) Trichloroethene	7.18	130	148906	49.778	ug/l	94
45) 1,2-Dichloropropane	7.49	63	142542	54.006	ug/l	99
46) Dibromomethane	7.63	93	95161	48.788	ug/l	95
47) Bromodichloromethane	7.87	83	218889	51.787	ug/l	97
48) Methyl methacrylate	7.74	41	162521	53.753	ug/l	97
49) 1,4-Dioxane	7.71	88	50883	1200.228	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	940715	270.491	ug/l	99
52) Toluene	8.76	92	350937	54.822	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	233368	53.322	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	245447	54.518	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	145484	52.911	ug/l	97
56) Ethyl methacrylate	9.16	69	207641	51.630	ug/l	98
57) 1,3-Dichloropropane	9.35	76	231697	51.932	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	585538	294.333	ug/l	97
59) 2-Hexanone	9.47	43	713800	269.391	ug/l	99
60) Dibromochloromethane	9.56	129	176023	50.998	ug/l	97
61) 1,2-Dibromoethane	9.65	107	152123	51.591	ug/l	99
64) Tetrachloroethene	9.32	164	137512	52.777	ug/l	96
65) Chlorobenzene	10.12	112	392058	50.778	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	155586	48.845	ug/l	99
67) Ethyl Benzene	10.24	91	666078	51.138	ug/l	98
68) m/p-Xylenes	10.34	106	511704	103.403	ug/l	95
69) o-Xylene	10.68	106	243874	52.306	ug/l	99
70) Styrene	10.70	104	440203	55.769	ug/l	98
71) Bromoform	10.84	173	140956	51.162	ug/l #	97
73) Isopropylbenzene	11.00	105	666870	50.016	ug/l	100
74) N-amyl acetate	10.88	43	295240	55.968	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	212514	47.821	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	212587m	48.406	ug/l	
77) Bromobenzene	11.24	156	188472	51.459	ug/l	96
78) n-propylbenzene	11.34	91	809366	53.273	ug/l	98
79) 2-Chlorotoluene	11.40	91	485689	51.285	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	596882	52.336	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	74780	48.255	ug/l	92
82) 4-Chlorotoluene	11.49	91	583776	51.841	ug/l	99
83) tert-Butylbenzene	11.76	119	565067	49.475	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	616633	53.187	ug/l	98
85) sec-Butylbenzene	11.93	105	679524	52.812	ug/l	100
86) p-Isopropyltoluene	12.05	119	654459	53.614	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	329743	49.022	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	337288	49.504	ug/l	98
89) n-Butylbenzene	12.37	91	565276	53.297	ug/l	100
90) Hexachloroethane	12.58	117	107374	47.315	ug/l	89
91) 1,2-Dichlorobenzene	12.38	146	322726	50.404	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51831	45.604	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	218576	53.212	ug/l	93
94) Hexachlorobutadiene	13.77	225	110918	60.794	ug/l	92
95) Naphthalene	13.82	128	609101	44.759	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	206783	51.453	ug/l	96

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

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