

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071420\
 Data File : VX017365.D
 Acq On : 14 Jul 2020 09:32
 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
 7/15/2020 11:43:00 AM

Quant Time: Jul 15 01:36:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	321769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	461177	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	445496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	241597	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	191536	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
35) Dibromofluoromethane	5.46	113	156002	50.22	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	8.70	98	574051	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.12	95	227345	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	156298	57.405	ug/l	99
3) Chloromethane	1.31	50	150618	49.137	ug/l	99
4) Vinyl Chloride	1.39	62	152948	50.438	ug/l	99
5) Bromomethane	1.62	94	99892	50.603	ug/l	98
6) Chloroethane	1.71	64	95279	49.778	ug/l	100
7) Trichlorofluoromethane	1.92	101	265966	51.965	ug/l	96
8) Diethyl Ether	2.17	74	88356	48.838	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	145087	49.763	ug/l	98
10) Methyl Iodide	2.49	142	184461	47.845	ug/l	99
11) Tert butyl alcohol	3.01	59	157177	231.004	ug/l	99
12) 1,1-Dichloroethene	2.36	96	133959	45.748	ug/l	98
13) Acrolein	2.27	56	79711	213.712	ug/l	100
14) Allyl chloride	2.70	41	252473	49.760	ug/l	98
15) Acrylonitrile	3.11	53	399363	242.123	ug/l	100
16) Acetone	2.42	43	305525	212.059	ug/l	98
17) Carbon Disulfide	2.55	76	426780	49.962	ug/l	99
18) Methyl Acetate	2.75	43	168340	47.306	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	499865	50.274	ug/l	99
20) Methylene Chloride	2.83	84	163132	46.407	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	163394	48.771	ug/l	97
22) Diisopropyl ether	3.82	45	489984	50.697	ug/l	94
23) Vinyl Acetate	3.78	43	2176302	256.036	ug/l	100
24) 1,1-Dichloroethane	3.67	63	280599	49.401	ug/l	99
25) 2-Butanone	4.63	43	522093	228.153	ug/l	98
26) 2,2-Dichloropropane	4.55	77	262177	49.596	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	177476	48.307	ug/l	98
28) Bromochloromethane	4.98	49	129825	49.477	ug/l	98
29) Tetrahydrofuran	5.09	42	351852	237.531	ug/l	99
30) Chloroform	5.17	83	294724	48.227	ug/l	96
31) Cyclohexane	5.54	56	244723	52.629	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	273633	48.435	ug/l	98
36) 1,1-Dichloropropene	5.77	75	222727	52.505	ug/l	99
37) Ethyl Acetate	4.79	43	214459	48.886	ug/l	99
38) Carbon Tetrachloride	5.75	117	259407	52.230	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	256300	55.638	ug/l	98
40) Benzene	6.11	78	625819	51.335	ug/l	98
41) Methacrylonitrile	4.99	41	120515	51.172	ug/l	98
42) 1,2-Dichloroethane	6.16	62	240389	50.752	ug/l	99
43) Isopropyl Acetate	6.41	43	348738	49.749	ug/l	100
44) Trichloroethene	7.18	130	189938	51.007	ug/l	93
45) 1,2-Dichloropropane	7.49	63	162986	52.250	ug/l	98
46) Dibromomethane	7.63	93	114881	51.065	ug/l	99
47) Bromodichloromethane	7.87	83	240613	51.157	ug/l	99
48) Methyl methacrylate	7.74	41	173641	51.619	ug/l	99
49) 1,4-Dioxane	7.71	88	67220	976.480	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1074773	251.451	ug/l	100
52) Toluene	8.76	92	413570	52.864	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	261996	51.706	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	280241	51.854	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	167863	51.456	ug/l	98
56) Ethyl methacrylate	9.16	69	243669	52.611	ug/l	100
57) 1,3-Dichloropropane	9.35	76	276374	50.931	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	642769	273.328	ug/l	100
59) 2-Hexanone	9.47	43	830933	257.571	ug/l	99
60) Dibromochloromethane	9.56	129	202935	50.921	ug/l	100
61) 1,2-Dibromoethane	9.65	107	180754	50.934	ug/l	99
64) Tetrachloroethene	9.32	164	195578	50.722	ug/l	98
65) Chlorobenzene	10.12	112	456001	50.368	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	182181	50.543	ug/l	98
67) Ethyl Benzene	10.23	91	788130	52.293	ug/l	99
68) m/p-Xylenes	10.34	106	619973	108.114	ug/l	99
69) o-Xylene	10.68	106	289350	52.806	ug/l	99
70) Styrene	10.70	104	513139	54.556	ug/l	99
71) Bromoform	10.84	173	160275	52.694	ug/l	98
73) Isopropylbenzene	11.00	105	813236	53.697	ug/l	99
74) N-amyl acetate	10.88	43	323900	53.444	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	228620	49.718	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	229664m	51.445	ug/l	
77) Bromobenzene	11.24	156	216401	50.168	ug/l	97
78) n-propylbenzene	11.34	91	933923	54.908	ug/l	99
79) 2-Chlorotoluene	11.40	91	554295	52.882	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	701813	54.590	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	87024	49.450	ug/l #	94
82) 4-Chlorotoluene	11.49	91	662629	53.343	ug/l	100
83) tert-Butylbenzene	11.76	119	662365	53.298	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	701203	53.989	ug/l	98
85) sec-Butylbenzene	11.93	105	791342	54.389	ug/l	100
86) p-Isopropyltoluene	12.05	119	765118	55.577	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	388462	50.342	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	390048	50.032	ug/l	100
89) n-Butylbenzene	12.37	91	638375	54.372	ug/l	99
90) Hexachloroethane	12.58	117	138231	52.889	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	362744	50.024	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55550	45.782	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	255430	50.744	ug/l	99
94) Hexachlorobutadiene	13.77	225	108462	52.836	ug/l	98
95) Naphthalene	13.82	128	775182	52.376	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	252875	52.006	ug/l	96

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

