

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021820\
 Data File : VX014955.D
 Acq On : 18 Feb 2020 16:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/19/2020 12:14:55 PM

Quant Time: Feb 19 00:53:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	460628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	678969	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	631037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	347995	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	242065	46.56	ug/l	-0.01
Spiked Amount						
			Recovery	=	93.12%	
35) Dibromofluoromethane	5.48	113	200709	48.08	ug/l	0.00
Spiked Amount						
			Recovery	=	96.16%	
50) Toluene-d8	8.71	98	753268	47.28	ug/l	0.00
Spiked Amount						
			Recovery	=	94.56%	
62) 4-Bromofluorobenzene	11.13	95	278755	48.57	ug/l	0.00
Spiked Amount						
			Recovery	=	97.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	216306	49.586	ug/l	97
3) Chloromethane	1.32	50	234487	47.413	ug/l	99
4) Vinyl Chloride	1.41	62	252448	47.384	ug/l	99
5) Bromomethane	1.63	94	163652	47.455	ug/l	99
6) Chloroethane	1.72	64	158775	46.576	ug/l	99
7) Trichlorofluoromethane	1.92	101	357274	47.997	ug/l	98
8) Diethyl Ether	2.18	74	142849	46.278	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	208408	48.234	ug/l	99
10) Methyl Iodide	2.50	142	241644	50.152	ug/l	99
11) Tert butyl alcohol	3.02	59	218320	237.854	ug/l	99
12) 1,1-Dichloroethene	2.37	96	199889	47.343	ug/l	96
13) Acrolein	2.28	56	171667	245.389	ug/l	98
14) Allyl chloride	2.72	41	350474	46.819	ug/l	100
15) Acrylonitrile	3.12	53	554874	238.462	ug/l	99
16) Acetone	2.43	43	540445	190.952	ug/l	100
17) Carbon Disulfide	2.56	76	534621	45.320	ug/l	100
18) Methyl Acetate	2.76	43	256829	49.053	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	670577	48.802	ug/l	100
20) Methylene Chloride	2.84	84	225154	45.023	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	216810	46.538	ug/l	97
22) Diisopropyl ether	3.84	45	710600	49.703	ug/l	96
23) Vinyl Acetate	3.80	43	3049856	258.775	ug/l	99
24) 1,1-Dichloroethane	3.69	63	389620	48.287	ug/l	100
25) 2-Butanone	4.65	43	791463	223.630	ug/l	100
26) 2,2-Dichloropropane	4.57	77	336906	48.450	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	249712	47.950	ug/l	98
28) Bromochloromethane	5.00	49	162314	51.898	ug/l	100
29) Tetrahydrofuran	5.11	42	492558	244.823	ug/l	99
30) Chloroform	5.20	83	392486	49.026	ug/l	100
31) Cyclohexane	5.56	56	351826	47.872	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	343711	49.081	ug/l	99
36) 1,1-Dichloropropene	5.79	75	299074	49.242	ug/l	99
37) Ethyl Acetate	4.81	43	302595	47.768	ug/l	100
38) Carbon Tetrachloride	5.77	117	293535	49.593	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	372459	49.034	ug/l	99
40) Benzene	6.13	78	880183	48.504	ug/l	98
41) Methacrylonitrile	5.02	41	171771	50.335	ug/l	99
42) 1,2-Dichloroethane	6.18	62	322888	49.230	ug/l	99
43) Isopropyl Acetate	6.42	43	513930	49.181	ug/l	99
44) Trichloroethene	7.20	130	254417	48.295	ug/l	98
45) 1,2-Dichloropropane	7.50	63	225591	48.745	ug/l	99
46) Dibromomethane	7.65	93	151130	47.773	ug/l	100
47) Bromodichloromethane	7.89	83	310306	49.471	ug/l	100
48) Methyl methacrylate	7.76	41	256475	49.872	ug/l	99
49) 1,4-Dioxane	7.72	88	97562	1014.659	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	1555192	246.471	ug/l	100
52) Toluene	8.78	92	565946	49.103	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	346122	50.350	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	373904	49.236	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	228599	49.023	ug/l	99
56) Ethyl methacrylate	9.17	69	357923	51.066	ug/l	99
57) 1,3-Dichloropropane	9.36	76	382405	48.717	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	897364	244.807	ug/l	100
59) 2-Hexanone	9.48	43	1190612	240.061	ug/l	100
60) Dibromochloromethane	9.57	129	257027	51.218	ug/l	99
61) 1,2-Dibromoethane	9.67	107	242791	48.255	ug/l	100
64) Tetrachloroethene	9.33	164	260192	44.101	ug/l	97
65) Chlorobenzene	10.13	112	614396	48.003	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	237726	51.161	ug/l	98
67) Ethyl Benzene	10.25	91	1087217	49.947	ug/l	100
68) m/p-Xylenes	10.36	106	842844	100.512	ug/l	99
69) o-Xylene	10.69	106	406604	50.443	ug/l	100
70) Styrene	10.70	104	701673	51.455	ug/l	100
71) Bromoform	10.85	173	198539	51.189	ug/l #	99
73) Isopropylbenzene	11.01	105	1084841	49.711	ug/l	100
74) N-amyl acetate	10.89	43	450005	49.628	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	336776	47.209	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	289752m	46.044	ug/l	
77) Bromobenzene	11.25	156	287490	47.198	ug/l	99
78) n-propylbenzene	11.35	91	1248803	49.476	ug/l	99
79) 2-Chlorotoluene	11.42	91	726732	48.975	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	908202	49.807	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	118960	48.388	ug/l	98
82) 4-Chlorotoluene	11.50	91	849759	48.358	ug/l	100
83) tert-Butylbenzene	11.76	119	888781	51.472	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	919950	50.062	ug/l	100
85) sec-Butylbenzene	11.94	105	1075565	50.141	ug/l	99
86) p-Isopropyltoluene	12.06	119	1010690	50.350	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	519888	47.577	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	517069	46.337	ug/l	100
89) n-Butylbenzene	12.38	91	901800	50.162	ug/l	99
90) Hexachloroethane	12.59	117	178383	50.886	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	513022	47.874	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	73257	43.772	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	380852	48.151	ug/l	97
94) Hexachlorobutadiene	13.78	225	185536	48.497	ug/l	98
95) Naphthalene	13.83	128	1043908	49.638	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	368053	48.164	ug/l	98

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

