

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011720\
 Data File : VX014662.D
 Acq On : 17 Jan 2020 18:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/20/2020 11:19:29 AM

Quant Time: Jan 18 06:08:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	418296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	644148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	588823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	299638	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	245864	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
35) Dibromofluoromethane	5.48	113	204180	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
50) Toluene-d8	8.71	98	781339	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	11.13	95	279507	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	249272	48.009	ug/l	100
3) Chloromethane	1.32	50	267689	50.204	ug/l	100
4) Vinyl Chloride	1.40	62	306726	51.624	ug/l	99
5) Bromomethane	1.63	94	191983	48.746	ug/l	98
6) Chloroethane	1.72	64	167967	51.929	ug/l	96
7) Trichlorofluoromethane	1.92	101	336604	49.942	ug/l	99
8) Diethyl Ether	2.18	74	151178	49.166	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	201953	49.251	ug/l	99
10) Methyl Iodide	2.50	142	273810	55.766	ug/l	99
11) Tert butyl alcohol	3.03	59	269165	276.065	ug/l	100
12) 1,1-Dichloroethene	2.36	96	199644	48.325	ug/l	98
13) Acrolein	2.28	56	209752	268.399	ug/l	98
14) Allyl chloride	2.72	41	350709	48.352	ug/l	99
15) Acrylonitrile	3.13	53	649611	276.054	ug/l	99
16) Acetone	2.43	43	598855	255.872	ug/l	99
17) Carbon Disulfide	2.56	76	510625	44.297	ug/l	99
18) Methyl Acetate	2.76	43	392665	58.506	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	690648	52.077	ug/l	99
20) Methylene Chloride	2.85	84	246200	52.410	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	215017	47.673	ug/l	98
22) Diisopropyl ether	3.84	45	764359	54.530	ug/l	99
23) Vinyl Acetate	3.80	43	3006402	277.029	ug/l	99
24) 1,1-Dichloroethane	3.69	63	403488	52.915	ug/l	99
25) 2-Butanone	4.65	43	923736	264.826	ug/l	100
26) 2,2-Dichloropropane	4.57	77	316168	48.947	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	254106	50.398	ug/l	99
28) Bromochloromethane	5.00	49	162534	50.585	ug/l	96
29) Tetrahydrofuran	5.11	42	586431	284.359	ug/l	99
30) Chloroform	5.20	83	397324	53.324	ug/l	99
31) Cyclohexane	5.57	56	365825	51.255	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	331718	52.009	ug/l	99
36) 1,1-Dichloropropene	5.79	75	294008	48.535	ug/l	100
37) Ethyl Acetate	4.82	43	347436	52.803	ug/l	100
38) Carbon Tetrachloride	5.78	117	281654	50.526	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	367573	48.298	ug/l	98
40) Benzene	6.14	78	920216	51.183	ug/l	100
41) Methacrylonitrile	5.03	41	192910	54.978	ug/l	99
42) 1,2-Dichloroethane	6.18	62	317994	50.586	ug/l	99
43) Isopropyl Acetate	6.43	43	565453	53.198	ug/l	99
44) Trichloroethene	7.20	130	252576	48.885	ug/l	97
45) 1,2-Dichloropropane	7.51	63	240219	52.407	ug/l	100
46) Dibromomethane	7.65	93	156733	48.990	ug/l	98
47) Bromodichloromethane	7.89	83	307965	52.902	ug/l	99
48) Methyl methacrylate	7.76	41	280600	55.119	ug/l	99
49) 1,4-Dioxane	7.73	88	118921	1102.449	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1815730	280.328	ug/l	99
52) Toluene	8.78	92	576196	50.065	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	335259	49.467	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	375068	51.230	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	238939	51.688	ug/l	98
56) Ethyl methacrylate	9.17	69	375106	52.964	ug/l	98
57) 1,3-Dichloropropane	9.37	76	401246	51.913	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	653156	271.061	ug/l	99
59) 2-Hexanone	9.48	43	1388198	270.867	ug/l	99
60) Dibromochloromethane	9.57	129	248179	53.413	ug/l	100
61) 1,2-Dibromoethane	9.67	107	245764	50.189	ug/l	99
64) Tetrachloroethene	9.33	164	252304	42.754	ug/l	96
65) Chlorobenzene	10.14	112	618865	48.431	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	229010	50.219	ug/l	99
67) Ethyl Benzene	10.25	91	1104437	50.708	ug/l	96
68) m/p-Xylenes	10.35	106	836117	99.506	ug/l	98
69) o-Xylene	10.70	106	403150	50.286	ug/l	100
70) Styrene	10.71	104	696786	50.362	ug/l	99
71) Bromoform	10.85	173	188165	50.432	ug/l	97
73) Isopropylbenzene	11.01	105	1078958	51.279	ug/l	100
74) N-amyl acetate	10.89	43	492806	53.087	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	361241	53.535	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	303665m	48.982	ug/l	
77) Bromobenzene	11.25	156	278908	47.798	ug/l	100
78) n-propylbenzene	11.35	91	1230043	51.045	ug/l	99
79) 2-Chlorotoluene	11.42	91	724671	50.458	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	901865	51.626	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	118711	50.624	ug/l	95
82) 4-Chlorotoluene	11.51	91	835930	49.587	ug/l	97
83) tert-Butylbenzene	11.76	119	849508	51.467	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	908323	51.458	ug/l	99
85) sec-Butylbenzene	11.94	105	1032706	50.329	ug/l	100
86) p-Isopropyltoluene	12.06	119	963830	50.619	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	498861	47.637	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	490712	49.877	ug/l	99
89) n-Butylbenzene	12.39	91	840379	48.271	ug/l	99
90) Hexachloroethane	12.59	117	170953	51.113	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	498563	48.593	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	78761	51.890	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	339377	47.124	ug/l	99
94) Hexachlorobutadiene	13.78	225	164317	48.723	ug/l	98
95) Naphthalene	13.83	128	1041115	46.581	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	342865	48.508	ug/l	99

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

