

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022620\
 Data File : VX015030.D
 Acq On : 26 Feb 2020 18:45
 Operator : JC/SP
 Sample : L1683-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MSD

Manual Integrations
 APPROVED

MMDadoda
 2/27/2020 10:48:23 AM

Quant Time: Feb 27 03:59:13 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	396666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	607498	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	583916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	309212	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	217469	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
35) Dibromofluoromethane	5.49	113	183616	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	
50) Toluene-d8	8.71	98	695580	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	
62) 4-Bromofluorobenzene	11.13	95	256189	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	177566	47.269	ug/l	99
3) Chloromethane	1.32	50	216392	50.810	ug/l	100
4) Vinyl Chloride	1.40	62	227053	49.489	ug/l	99
5) Bromomethane	1.63	94	131802	44.382	ug/l	98
6) Chloroethane	1.72	64	138709	47.251	ug/l	98
7) Trichlorofluoromethane	1.92	101	288016	44.932	ug/l	100
8) Diethyl Ether	2.18	74	129190	48.602	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	184215	49.510	ug/l	97
10) Methyl Iodide	2.50	142	205019	49.476	ug/l	99
11) Tert butyl alcohol	3.03	59	223675	282.982	ug/l	99
12) 1,1-Dichloroethene	2.37	96	179093	49.258	ug/l	96
13) Acrolein	2.28	56	136418	226.446	ug/l	96
14) Allyl chloride	2.72	41	317937	49.322	ug/l	97
15) Acrylonitrile	3.13	53	572385	285.652	ug/l	99
16) Acetone	2.44	43	474879	195.074	ug/l	97
17) Carbon Disulfide	2.56	76	451524	44.447	ug/l	99
18) Methyl Acetate	2.76	43	266796	59.174	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	617700	52.202	ug/l	99
20) Methylene Chloride	2.85	84	209127	48.562	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	198545	49.490	ug/l	99
22) Diisopropyl ether	3.84	45	665660	54.067	ug/l	94
23) Vinyl Acetate	3.81	43	2724943	268.489	ug/l	99
24) 1,1-Dichloroethane	3.69	63	362653	52.192	ug/l	99
25) 2-Butanone	4.66	43	793979	260.516	ug/l	99
26) 2,2-Dichloropropane	4.57	77	253769	42.378	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	369164	82.318	ug/l	95
28) Bromochloromethane	5.01	49	151756	56.346	ug/l	97
29) Tetrahydrofuran	5.11	42	537385	310.174	ug/l	99
30) Chloroform	5.20	83	356460	51.706	ug/l	96
31) Cyclohexane	5.57	56	312905	49.442	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	297717	49.369	ug/l	99
36) 1,1-Dichloropropene	5.79	75	266131	48.973	ug/l	99
37) Ethyl Acetate	4.82	43	294956	52.040	ug/l	100
38) Carbon Tetrachloride	5.78	117	259208	48.945	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	317186	46.670	ug/l	99
40) Benzene	6.14	78	809542	49.859	ug/l	99
41) Methacrylonitrile	5.03	41	171678	56.226	ug/l	98
42) 1,2-Dichloroethane	6.19	62	282266	48.100	ug/l	97
43) Isopropyl Acetate	6.43	43	486461	52.029	ug/l	99
44) Trichloroethene	7.21	130	236374	50.149	ug/l	96
45) 1,2-Dichloropropane	7.51	63	216366	52.252	ug/l	99
46) Dibromomethane	7.65	93	142327	50.284	ug/l	98
47) Bromodichloromethane	7.89	83	281605	50.177	ug/l	97
48) Methyl methacrylate	7.76	41	248659	54.040	ug/l	98
49) 1,4-Dioxane	7.73	88	96598	1122.826	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1603054	283.945	ug/l	100
52) Toluene	8.78	92	517511	50.183	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	306009	49.752	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	333743	49.118	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	214344	51.374	ug/l	99
56) Ethyl methacrylate	9.17	69	340304	54.264	ug/l	98
57) 1,3-Dichloropropane	9.37	76	363175	51.710	ug/l	99
59) 2-Hexanone	9.48	43	1206535	271.892	ug/l	98
60) Dibromochloromethane	9.57	129	231287	51.511	ug/l	99
61) 1,2-Dibromoethane	9.67	107	227396	50.513	ug/l	100
64) Tetrachloroethene	9.33	164	222910	40.831	ug/l	98
65) Chlorobenzene	10.14	112	565812	47.775	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	209715	48.775	ug/l	99
67) Ethyl Benzene	10.25	91	986119	48.959	ug/l	99
68) m/p-Xylenes	10.36	106	757033	97.564	ug/l	98
69) o-Xylene	10.70	106	362778	48.637	ug/l	100
70) Styrene	10.71	104	637341	50.509	ug/l	99
71) Bromoform	10.85	173	179292	49.957	ug/l #	100
73) Isopropylbenzene	11.01	105	980269	50.553	ug/l	100
74) N-amyl acetate	10.89	43	418173	51.901	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	332869	52.513	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	272958m	48.816	ug/l	
77) Bromobenzene	11.25	156	262416	48.486	ug/l	100
78) n-propylbenzene	11.35	91	1118307	49.863	ug/l	100
79) 2-Chlorotoluene	11.42	91	653726	49.581	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	814009	50.240	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	107775	49.337	ug/l	100
82) 4-Chlorotoluene	11.51	91	755584	48.391	ug/l	100
83) tert-Butylbenzene	11.76	119	814293	53.073	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	820030	50.222	ug/l	100
85) sec-Butylbenzene	11.94	105	956680	50.192	ug/l	99
86) p-Isopropyltoluene	12.06	119	877744	49.211	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	464700	47.861	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	462942	46.690	ug/l	100
89) n-Butylbenzene	12.39	91	781284	48.909	ug/l	99
90) Hexachloroethane	12.59	117	156881	50.366	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	464745	48.809	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	73011	49.096	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	325682	46.340	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	160581	47.239	ug/l	99
95) Naphthalene	13.83	128	1001903	53.617	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	332871	49.023	ug/l	99

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

