

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010220\
 Data File : VV014248.D
 Acq On : 02 Jan 2020 14:41
 Operator : SY/MD
 Sample : VSTD00531
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00531

Quant Time: Jan 02 17:04:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 02 17:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	888094	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	818564	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	378764	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	299979	6.52	ug/L	0.00
7) Chloroethane-d5	1.59	69	235725	6.27	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	460272	5.80	ug/L	0.00
20) 2-Butanone-d5	3.96	46	753653	65.72	ug/L	0.00
24) Chloroform-d	4.40	84	590793	5.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	297797	5.63	ug/L	0.00
32) Benzene-d6	5.10	84	1217235	5.30	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	373060	5.34	ug/L	0.00
41) Toluene-d8	7.36	98	1093313	5.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	164843	5.25	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	705624	58.21	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	265943	5.32	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	347035	5.04	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	346946	5.089 ug/L	100
3) Chloromethane	1.26	50	333312	5.291 ug/L	100
5) Vinyl chloride	1.32	62	318665	5.327 ug/L	100
6) Bromomethane	1.54	94	175661	6.094 ug/L	100
8) Chloroethane	1.60	64	173267	5.415 ug/L	100
9) Trichlorofluoromethane	1.77	101	382009	5.052 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	206042	5.030 ug/L	100
12) 1,1-Dichloroethene	2.14	96	203975	5.077 ug/L	100
13) Acetone	2.23	43	456092	64.690 ug/L	100
14) Carbon disulfide	2.32	76	888838	5.110 ug/L	100
15) Methyl Acetate	2.48	43	123805	5.554 ug/L	100
16) Methylene chloride	2.54	84	301799	4.548 ug/L	100
17) Methyl tert-butyl Ether	2.81	73	750438	5.062 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	304628	4.937 ug/L	100
19) 1,1-Dichloroethane	3.23	63	586707	5.083 ug/L	100
21) 2-Butanone	4.04	43	798767	63.107 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	332673	4.956 ug/L	100
23) Bromochloromethane	4.30	128	125829	4.826 ug/L	100
25) Chloroform	4.42	83	560628	4.874 ug/L	100
27) 1,2-Dichloroethane	5.18	62	340386	5.172 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	488081	4.901 ug/L	100
30) Cyclohexane	4.72	56	560397	5.091 ug/L	100
31) Carbon tetrachloride	4.87	117	421203	4.944 ug/L	100
33) Benzene	5.14	78	1264420	4.971 ug/L	100
34) Trichloroethene	5.96	95	321611	4.768 ug/L	100
35) Methylcyclohexane	6.17	83	555365	4.889 ug/L	100
37) 1,2-Dichloropropane	6.22	63	313958	5.075 ug/L	100
38) Bromodichloromethane	6.55	83	408655	4.950 ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	516768	5.078 ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	2012444	51.526 ug/L	100

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42) Toluene	7.43	91	1325715	4.764	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	405856	5.077	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	201994	4.811	ug/L	100
47) Tetrachloroethene	8.02	164	221566	4.703	ug/L	100
48) 2-Hexanone	8.18	43	1429858	52.911	ug/L	100
49) Dibromochloromethane	8.29	129	251174	4.705	ug/L	100
50) 1,2-Dibromoethane	8.39	107	198250	4.887	ug/L	100
51) Chlorobenzene	8.92	112	811835	4.730	ug/L	100
52) Ethylbenzene	9.05	91	1498078	4.844	ug/L	100
53) m,p-xylene	9.18	106	553625	4.778	ug/L	100
54) o-xylene	9.58	106	539737	4.784	ug/L	100
55) Styrene	9.60	104	912699	4.804	ug/L	100
56) Isopropylbenzene	9.97	105	1434160	4.829	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	253696	4.945	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	187947	4.937	ug/L	100
61) Bromoform	9.77	173	130726	4.738	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	595266	4.764	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	594946	4.767	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	535425	4.693	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	47589	4.947	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	431236	4.738	ug/L	100
68) 1,2,4-trichlorobenzene	13.30	180	378712	4.739	ug/L	100
69) Naphthalene	13.54	128	772112	5.186	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	335540	4.802	ug/L	100

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

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