

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021220\
 Data File : VV014564.D
 Acq On : 12 Feb 2020 10:43
 Operator : SY/MD
 Sample : VSTD00566
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00566

Quant Time: Feb 13 04:51:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 13 04:49:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	309193	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	287409	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	148749	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	5933	3.69	ug/L	0.00
7) Chloroethane-d5	1.59	69	4228	4.18	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	9488	4.29	ug/L	0.00
21) 2-Butanone-d5	3.94	46	8246	7.38	ug/L	0.02
24) Chloroform-d	4.40	84	15749	4.42	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	9728	4.48	ug/L	0.00
32) Benzene-d6	5.09	84	32728	4.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	9773	4.23	ug/L	0.00
41) Toluene-d8	7.35	98	31711	4.64	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	4963	4.15	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	7590	8.42	ug/L	0.01
57) 1,1,2,2-Tetrachloroethane-	10.25	84	13269	4.42	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	13479	5.02	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	10872	4.373	ug/L 99
3) Chloromethane	1.26	50	10571	4.224	ug/L 99
5) Vinyl chloride	1.33	62	6773	3.386	ug/L 99
6) Bromomethane	1.54	94	2889	4.056	ug/L 99
8) Chloroethane	1.60	64	3601	4.042	ug/L 97
9) Trichlorofluoromethane	1.77	101	11333	4.632	ug/L 95
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4886	4.338	ug/L 96
12) 1,1-Dichloroethene	2.14	96	4531	4.034	ug/L 89
13) Acetone	2.18	43	6881	7.084	ug/L 95
14) Carbon disulfide	2.32	76	22715	4.133	ug/L 98
15) Methyl Acetate	2.46	43	7521	4.106	ug/L 97
16) Methylene chloride	2.54	84	9806	4.477	ug/L 97
17) trans-1,2-Dichloroethene	2.79	96	9369	4.716	ug/L 93
18) Methyl tert-butyl Ether	2.80	73	28469	4.632	ug/L 98
19) 1,1-Dichloroethane	3.23	63	15880	4.423	ug/L 98
20) cis-1,2-Dichloroethene	3.96	96	10386	4.652	ug/L 96
22) 2-Butanone	4.02	43	10318	7.494	ug/L 74
23) Bromochloromethane	4.30	128	4846	4.616	ug/L 89
25) Chloroform	4.42	83	17410	4.706	ug/L 98
27) 1,2-Dichloroethane	5.18	62	12622	4.787	ug/L # 94
29) Cyclohexane	4.72	56	13851	4.146	ug/L 97
30) 1,1,1-Trichloroethane	4.65	97	14308	4.689	ug/L 98
31) Carbon tetrachloride	4.87	117	13008	4.852	ug/L 97
33) Benzene	5.14	78	36208	4.408	ug/L 100
34) Trichloroethene	5.96	95	9697	4.621	ug/L 95
35) Methylcyclohexane	6.17	83	15711	4.567	ug/L 98
37) 1,2-Dichloropropane	6.22	63	9120	4.450	ug/L # 93
38) Bromodichloromethane	6.55	83	12881	4.643	ug/L 97
39) cis-1,3-Dichloropropene	7.07	75	15316	4.512	ug/L 98
40) 4-Methyl-2-pentanone	7.27	43	21047	8.515	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	39272	4.541	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	13302	4.378	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	9076	4.632	ug/L	93
46) Tetrachloroethene	8.01	164	7485	4.795	ug/L	94
48) 2-Hexanone	8.19	43	15946	8.343	ug/L	99
49) Dibromochloromethane	8.29	129	10720	4.892	ug/L	96
50) 1,2-Dibromoethane	8.39	107	9726	4.625	ug/L	97
51) Chlorobenzene	8.92	112	26456	4.735	ug/L	96
52) Ethylbenzene	9.05	91	44434	4.563	ug/L	100
53) m,p-Xylene	9.18	106	17956	4.929	ug/L	98
54) o-xylene	9.58	106	16784	4.660	ug/L	99
55) Styrene	9.60	104	27973	4.614	ug/L	96
56) Isopropylbenzene	9.97	105	45227	4.876	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.28	83	14585	4.641	ug/L	97
59) 1,2,3-Trichloropropane	10.31	75	11477	4.667	ug/L	98
61) Bromoform	9.77	173	7354	4.762	ug/L #	92
62) 1,3-Dichlorobenzene	11.22	146	22306	4.944	ug/L	97
63) 1,4-Dichlorobenzene	11.31	146	22544	4.846	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	21889	4.927	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	3295	4.634	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	15980	5.214	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	14882	5.315	ug/L	99
69) Naphthalene	13.55	128	45143	5.096	ug/L	97
70) 1,2,3-Trichlorobenzene	13.79	180	13999	5.184	ug/L	96

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

