

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020620\
 Data File : VV014512.D
 Acq On : 06 Feb 2020 10:45
 Operator : SY/MD
 Sample : VSTD01061
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010202

Quant Time: Feb 07 01:06:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 07 01:04:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	453113	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	417870	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	210253	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24429	9.64	ug/L	0.00
7) Chloroethane-d5	1.59	69	17071	9.48	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	37673	8.79	ug/L	0.00
21) 2-Butanone-d5	3.93	46	34137	18.10	ug/L	0.00
24) Chloroform-d	4.40	84	54052	8.62	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	32747	8.21	ug/L	0.00
32) Benzene-d6	5.09	84	115869	9.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	34823	9.67	ug/L	0.00
41) Toluene-d8	7.35	98	104278	8.90	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	18437	9.13	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	26248	17.42	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.25	84	44989	8.98	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	39865	8.17	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	35215	10.661	ug/L 100
3) Chloromethane	1.26	50	36867	14.304	ug/L 99
5) Vinyl chloride	1.32	62	28353	12.128	ug/L 96
6) Bromomethane	1.54	94	12677	9.842	ug/L 97
8) Chloroethane	1.60	64	14416	11.881	ug/L 98
9) Trichlorofluoromethane	1.77	101	37785	10.399	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	18853	10.660	ug/L 100
12) 1,1-Dichloroethene	2.14	96	17732	10.554	ug/L 87
13) Acetone	2.19	43	30726	23.733	ug/L 98
14) Carbon disulfide	2.32	76	84422	13.614	ug/L 99
15) Methyl Acetate	2.46	43	29063	12.204	ug/L 99
16) Methylene chloride	2.54	84	33691	12.578	ug/L 99
17) trans-1,2-Dichloroethene	2.79	96	30335	12.125	ug/L 98
18) Methyl tert-butyl Ether	2.80	73	95517	11.367	ug/L 99
19) 1,1-Dichloroethane	3.23	63	54133	11.892	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	33380	11.492	ug/L 98
22) 2-Butanone	4.01	43	42017	23.706	ug/L 98
23) Bromochloromethane	4.29	128	15905	10.237	ug/L 95
25) Chloroform	4.42	83	54427	10.820	ug/L 98
27) 1,2-Dichloroethane	5.17	62	39906	10.309	ug/L 97
29) Cyclohexane	4.72	56	50839	13.203	ug/L 100
30) 1,1,1-Trichloroethane	4.65	97	46143	10.140	ug/L 98
31) Carbon tetrachloride	4.87	117	40633	9.730	ug/L 99
33) Benzene	5.14	78	122310	11.912	ug/L 100
34) Trichloroethene	5.96	95	32591	11.617	ug/L 96
35) Methylcyclohexane	6.17	83	52311	12.266	ug/L 99
37) 1,2-Dichloropropane	6.22	63	30101	11.926	ug/L 99
38) Bromodichloromethane	6.55	83	39719	10.375	ug/L 94
39) cis-1,3-Dichloropropene	7.07	75	50070	11.358	ug/L 99
40) 4-Methyl-2-pentanone	7.27	43	76852	23.447	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	130009	11.553	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	44761	10.903	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	29163	10.994	ug/L	97
46) Tetrachloroethene	8.01	164	24128	9.567	ug/L	92
48) 2-Hexanone	8.18	43	55576	22.214	ug/L	97
49) Dibromochloromethane	8.28	129	31828	9.532	ug/L	98
50) 1,2-Dibromoethane	8.39	107	30844	10.540	ug/L	97
51) Chlorobenzene	8.92	112	86703	11.493	ug/L	99
52) Ethylbenzene	9.05	91	147293	11.633	ug/L	100
53) m,p-Xylene	9.18	106	56912	11.702	ug/L	99
54) o-Xylene	9.58	106	53936	11.245	ug/L	99
55) Styrene	9.60	104	88752	10.917	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.28	83	45384	11.047	ug/L	98
59) Bromoform	9.77	173	21545	8.742	ug/L	99
60) Isopropylbenzene	9.97	105	139910	11.575	ug/L	100
61) 1,2,3-Trichloropropane	10.31	75	35592	11.598	ug/L	98
62) 1,3,5-Trimethylbenzene	10.58	105	118356	11.323	ug/L	100
63) 1,2,4-Trimethylbenzene	10.95	105	115612	11.187	ug/L	98
64) 1,3-Dichlorobenzene	11.22	146	66093	10.971	ug/L	98
65) 1,4-Dichlorobenzene	11.31	146	68918	11.270	ug/L	99
67) 1,2-Dichlorobenzene	11.68	146	63612	10.473	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.47	75	10012	10.230	ug/L	87
69) 1,3,5-Trichlorobenzene	12.69	180	45210	9.543	ug/L	97
70) 1,2,4-trichlorobenzene	13.31	180	40421	9.698	ug/L	99
71) Naphthalene	13.55	128	131811	11.834	ug/L	100
72) 1,2,3-Trichlorobenzene	13.79	180	39353	9.506	ug/L	98

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

