

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011420\
 Data File : VU036449.D
 Acq On : 14 Jan 2020 16:34
 Operator : JC/MD
 Sample : VSTD00534
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00534

Quant Time: Jan 15 00:03:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 15 00:01:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	308159	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	286157	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	102667	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	14811	6.37	ug/L	0.00
7) Chloroethane-d5	1.93	69	13863	7.02	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	28857	7.07	ug/L	0.00
21) 2-Butanone-d5	4.69	46	24170	13.56	ug/L	0.00
24) Chloroform-d	5.11	84	29086	6.97	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	20182	7.27	ug/L	0.00
32) Benzene-d6	5.77	84	57643	7.27	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	18800	7.09	ug/L	0.00
41) Toluene-d8	7.93	98	52998	6.98	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	8534	5.94	ug/L	0.00
47) 2-Hexanone-d5	8.68	63	16854	12.23	ug/L	0.02
57) 1,1,2,2-Tetrachloroethane-	10.78	84	26762	6.66	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	15934	7.39	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	26357	10.254	ug/L 99
3) Chloromethane	1.54	50	23459	10.053	ug/L 96
5) Vinyl chloride	1.62	62	22744	8.634	ug/L 95
6) Bromomethane	1.88	94	12800	9.627	ug/L 98
8) Chloroethane	1.95	64	13095	8.343	ug/L 96
9) Trichlorofluoromethane	2.16	101	29246	7.966	ug/L 95
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	16691	9.061	ug/L 97
12) 1,1-Dichloroethene	2.61	96	16159	8.896	ug/L 92
13) Acetone	2.66	43	37221	19.818	ug/L 98
14) Carbon disulfide	2.83	76	50067	8.856	ug/L 97
15) Methyl Acetate	2.99	43	21186	8.367	ug/L 99
16) Methylene chloride	3.08	84	19645	8.854	ug/L 97
17) trans-1,2-Dichloroethene	3.40	96	17910	9.191	ug/L 89
18) Methyl tert-butyl Ether	3.41	73	54596	7.725	ug/L 97
19) 1,1-Dichloroethane	3.92	63	33140	8.484	ug/L 99
20) cis-1,2-Dichloroethene	4.72	96	19607	8.308	ug/L 94
22) 2-Butanone	4.76	43	34806	15.813	ug/L # 71
23) Bromochloromethane	5.02	128	9128	8.109	ug/L 96
25) Chloroform	5.14	83	32536	7.843	ug/L 99
27) 1,2-Dichloroethane	5.84	62	27251	8.436	ug/L # 93
29) Cyclohexane	5.43	56	29562	8.763	ug/L # 91
30) 1,1,1-Trichloroethane	5.36	97	29953	8.466	ug/L 98
31) Carbon tetrachloride	5.57	117	25175	8.189	ug/L 100
33) Benzene	5.82	78	72483	8.529	ug/L 100
34) Trichloroethene	6.58	95	19968	9.050	ug/L 92
35) Methylcyclohexane	6.80	83	29505	8.429	ug/L 94
37) 1,2-Dichloropropane	6.83	63	18879	8.264	ug/L # 93
38) Bromodichloromethane	7.15	83	25242	7.842	ug/L 97
39) cis-1,3-Dichloropropene	7.64	75	26386	6.857	ug/L 97
40) 4-Methyl-2-pentanone	7.84	43	60381	15.664	ug/L # 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	76009	8.123	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	27700	7.762	ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	18700	8.758	ug/L	95
46) Tetrachloroethene	8.58	164	13796	8.765	ug/L	96
48) 2-Hexanone	8.73	43	48833	16.483	ug/L #	96
49) Dibromochloromethane	8.84	129	19545	7.526	ug/L	100
50) 1,2-Dibromoethane	8.96	107	20440	8.234	ug/L	98
51) Chlorobenzene	9.47	112	48342	8.212	ug/L	95
52) Ethylbenzene	9.60	91	80489	7.590	ug/L	96
53) m,p-Xylene	9.72	106	30040	7.642	ug/L	97
54) o-xylene	10.12	106	29306	7.416	ug/L	98
55) Styrene	10.14	104	45874	6.899	ug/L	93
56) Isopropylbenzene	10.51	105	76641	7.454	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	30888	7.676	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	25486	7.931	ug/L	99
61) Bromoform	10.32	173	13497	8.859	ug/L #	95
62) 1,3-Dichlorobenzene	11.77	146	28338	8.463	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	28086	8.420	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	29010	8.654	ug/L	96
66) 1,2-Dibromo-3-chloropropan	13.02	75	6434	8.304	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	16374	7.494	ug/L	96
68) 1,2,4-trichlorobenzene	13.86	180	9275	5.623	ug/L	95
69) Naphthalene	14.10	128	34871	6.243	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	10620	6.189	ug/L	98

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

