

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031919\
 Data File : VU030187.D
 Acq On : 19 Mar 2019 12:26
 Operator : JC/SP
 Sample : VSTD10047
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10047

Quant Time: Mar 20 02:28:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 20 02:24:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	563426	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	558386	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	294074	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	386822	101.53	ug/L	0.00
7) Chloroethane-d5	1.67	69	306201	100.51	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	684518	98.48	ug/L	0.00
21) 2-Butanone-d5	4.17	46	598890	215.91	ug/L	0.00
24) Chloroform-d	4.64	84	706724	101.08	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	398893	100.03	ug/L	0.00
32) Benzene-d6	5.34	84	1487898	101.12	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	459827	101.00	ug/L	0.00
41) Toluene-d8	7.56	98	1414043	102.20	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	232293	104.78	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	514055	217.72	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	696582	99.74	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	568755	96.33	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	458566	96.130	ug/L 100
3) Chloromethane	1.33	50	443855	96.126	ug/L 99
5) Vinyl chloride	1.40	62	477229	97.362	ug/L 99
6) Bromomethane	1.61	94	271444	102.332	ug/L 99
8) Chloroethane	1.69	64	274949	94.875	ug/L 99
9) Trichlorofluoromethane	1.88	101	596629	95.848	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	362581	95.792	ug/L 99
12) 1,1-Dichloroethene	2.28	96	363270	96.641	ug/L 92
13) Acetone	2.32	43	521637	176.625	ug/L 100
14) Carbon disulfide	2.48	76	1089506	97.042	ug/L 99
15) Methyl Acetate	2.61	43	419396	97.652	ug/L 99
16) Methylene chloride	2.70	84	410644	96.323	ug/L 98
17) trans-1,2-Dichloroethene	2.98	96	381706	96.357	ug/L 98
18) Methyl tert-butyl Ether	3.00	73	1138600	99.919	ug/L 99
19) 1,1-Dichloroethane	3.44	63	664076	97.463	ug/L 99
20) cis-1,2-Dichloroethene	4.22	96	431122	99.333	ug/L 97
22) 2-Butanone	4.26	43	695887	204.055	ug/L 99
23) Bromochloromethane	4.55	128	225336	97.005	ug/L 98
25) Chloroform	4.67	83	687995	96.921	ug/L 99
27) 1,2-Dichloroethane	5.40	62	495001	98.383	ug/L 99
29) Cyclohexane	4.99	56	617141	101.719	ug/L 100
30) 1,1,1-Trichloroethane	4.91	97	584560	97.138	ug/L 99
31) Carbon tetrachloride	5.13	117	524720	98.493	ug/L 100
33) Benzene	5.39	78	1573336	97.661	ug/L 100
34) Trichloroethene	6.18	95	408042	96.096	ug/L 98
35) Methylcyclohexane	6.41	83	670505	100.700	ug/L 99
37) 1,2-Dichloropropane	6.43	63	406694	98.570	ug/L 100
38) Bromodichloromethane	6.75	83	520553	98.128	ug/L 99
39) cis-1,3-Dichloropropene	7.27	75	672393	101.574	ug/L 99
40) 4-Methyl-2-pentanone	7.46	43	1148305	202.505	ug/L 99

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42) Toluene	7.63	91	1743543	99.432	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	590625	103.110	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	408851	96.535	ug/L	99
46) Tetrachloroethene	8.22	164	347245	96.789	ug/L	98
48) 2-Hexanone	8.36	43	939985	199.723	ug/L	99
49) Dibromochloromethane	8.47	129	470846	99.140	ug/L	98
50) 1,2-Dibromoethane	8.58	107	458268	97.597	ug/L	99
51) Chlorobenzene	9.12	112	1126775	97.127	ug/L	99
52) Ethylbenzene	9.25	91	1908530	100.223	ug/L	100
53) m,p-Xylene	9.37	106	744232	101.440	ug/L	98
54) o-xylene	9.77	106	735161	101.935	ug/L	98
55) Styrene	9.79	104	1263648	103.412	ug/L	99
56) Isopropylbenzene	10.16	105	1893810	101.566	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	703898	97.467	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	535768	96.078	ug/L	100
61) Bromoform	9.95	173	380014	100.066	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	914221	97.441	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	931348	95.699	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	913963	95.345	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	157948	98.553	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	718105	97.933	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	662552	102.177	ug/L	99
69) Naphthalene	13.74	128	2158841	104.937	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	676542	99.992	ug/L	99

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

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