

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080919\
 Data File : VU033690.D
 Acq On : 09 Aug 2019 17:49
 Operator : JC/SP
 Sample : VSTD01033
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01033

Quant Time: Aug 10 03:52:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 03:47:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	421388	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	401297	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	214776	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	29912	6.78	ug/L	0.00
7) Chloroethane-d5	1.67	69	24261	6.41	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	50480	7.06	ug/L	0.00
21) 2-Butanone-d5	4.16	46	35491	11.23	ug/L	0.00
24) Chloroform-d	4.62	84	43266	5.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	27057	5.86	ug/L	0.00
32) Benzene-d6	5.32	84	89962	6.55	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	26525	6.09	ug/L	0.00
41) Toluene-d8	7.55	98	81658	6.43	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	13144	6.16	ug/L	0.00
47) 2-Hexanone-d5	8.30	63	26415	12.03	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	39650	5.83	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	33491	6.18	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	33803	9.154 ug/L	99
3) Chloromethane	1.32	50	35138	8.756 ug/L	94
5) Vinyl chloride	1.39	62	38512	8.877 ug/L	100
6) Bromomethane	1.62	94	25363	8.582 ug/L	100
8) Chloroethane	1.69	64	24284	8.710 ug/L	95
9) Trichlorofluoromethane	1.87	101	52727	9.140 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	27096	9.097 ug/L	99
12) 1,1-Dichloroethene	2.27	96	26716	9.339 ug/L	95
13) Acetone	2.32	43	44876	19.916 ug/L	99
14) Carbon disulfide	2.46	76	74939	8.838 ug/L	99
15) Methyl Acetate	2.60	43	34565	9.410 ug/L	95
16) Methylene chloride	2.68	84	31426	9.243 ug/L	97
17) trans-1,2-Dichloroethene	2.96	96	28726	9.605 ug/L	97
18) Methyl tert-butyl Ether	2.98	73	92776	9.816 ug/L	99
19) 1,1-Dichloroethane	3.42	63	54342	9.369 ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	32386	9.592 ug/L	98
22) 2-Butanone	4.25	43	51938	18.276 ug/L	94
23) Bromochloromethane	4.52	128	16151	9.038 ug/L	97
25) Chloroform	4.65	83	56657	9.354 ug/L	99
27) 1,2-Dichloroethane	5.38	62	42381	9.001 ug/L	97
29) Cyclohexane	4.97	56	44583	9.947 ug/L	99
30) 1,1,1-Trichloroethane	4.89	97	46404	9.573 ug/L	99
31) Carbon tetrachloride	5.11	117	41638	9.739 ug/L	98
33) Benzene	5.37	78	121747	9.986 ug/L	100
34) Trichloroethene	6.17	95	32013	10.183 ug/L	98
35) Methylcyclohexane	6.39	83	46865	9.782 ug/L	100
37) 1,2-Dichloropropane	6.41	63	32169	9.740 ug/L	100
38) Bromodichloromethane	6.74	83	40793	9.551 ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	50104	10.233 ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	91988	19.190 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.62	91	128596	9.815	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	43977	9.506	ug/L	98
45) 1,1,2-Trichloroethane	8.05	97	31380	9.937	ug/L	98
46) Tetrachloroethene	8.21	164	25838	10.072	ug/L	98
48) 2-Hexanone	8.35	43	72932	18.575	ug/L	98
49) Dibromochloromethane	8.46	129	34031	9.467	ug/L	99
50) 1,2-Dibromoethane	8.57	107	33954	9.898	ug/L	100
51) Chlorobenzene	9.10	112	85095	9.876	ug/L	100
52) Ethylbenzene	9.23	91	139379	9.875	ug/L	97
53) m,p-Xylene	9.36	106	52925	9.906	ug/L	95
54) o-xylene	9.76	106	53118	10.015	ug/L	93
55) Styrene	9.77	104	85225	9.464	ug/L	97
56) Isopropylbenzene	10.15	105	136758	9.988	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	54818	9.455	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	44216	9.842	ug/L	99
61) Bromoform	9.94	173	27299	9.780	ug/L	98
62) 1,3-Dichlorobenzene	11.40	146	69891	9.950	ug/L	100
63) 1,4-Dichlorobenzene	11.49	146	71582	9.853	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	68653	9.675	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	12350	9.322	ug/L	95
67) 1,3,5-Trichlorobenzene	12.87	180	54640	10.183	ug/L	98
68) 1,2,4-trichlorobenzene	13.49	180	46933	10.380	ug/L	98
69) Naphthalene	13.73	128	135654	10.246	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	49728	10.612	ug/L	99

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

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