

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080919\
 Data File : VU033692.D
 Acq On : 09 Aug 2019 18:36
 Operator : JC/SP
 Sample : VSTD10035
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10035

Quant Time: Aug 10 03:53:40 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	414918	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	398137	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	216387	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	311987	71.86	ug/L	0.00
7) Chloroethane-d5	1.67	69	314768	84.43	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	522170	74.18	ug/L	0.00
21) 2-Butanone-d5	4.15	46	418098	134.41	ug/L	0.00
24) Chloroform-d	4.62	84	474400	66.62	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	289525	63.66	ug/L	0.00
32) Benzene-d6	5.31	84	971256	71.32	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	300831	69.61	ug/L	0.00
41) Toluene-d8	7.54	98	922143	73.15	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	155738	73.59	ug/L	0.00
47) 2-Hexanone-d5	8.29	63	336450	154.51	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	439208	65.10	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	367459	67.27	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	298196	82.012 ug/L	99
3) Chloromethane	1.32	50	306251	77.503 ug/L	100
5) Vinyl chloride	1.39	62	341111	79.853 ug/L	99
6) Bromomethane	1.62	94	357809	122.953 ug/L	100
8) Chloroethane	1.68	64	227824	82.987 ug/L	98
9) Trichlorofluoromethane	1.87	101	467049	82.221 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	249827	85.180 ug/L	100
12) 1,1-Dichloroethene	2.27	96	240545	85.394 ug/L	95
13) Acetone	2.31	43	346074	155.984 ug/L	98
14) Carbon disulfide	2.46	76	677981	81.206 ug/L	100
15) Methyl Acetate	2.60	43	312776	86.476 ug/L	100
16) Methylene chloride	2.68	84	277647	82.937 ug/L	98
17) trans-1,2-Dichloroethene	2.96	96	256483	87.094 ug/L	98
18) Methyl tert-butyl Ether	2.98	73	856364	92.023 ug/L	100
19) 1,1-Dichloroethane	3.42	63	484894	84.908 ug/L	100
20) cis-1,2-Dichloroethene	4.20	96	300163	90.292 ug/L	98
22) 2-Butanone	4.23	43	500293	178.784 ug/L	99
23) Bromochloromethane	4.52	128	156050	88.690 ug/L	99
25) Chloroform	4.65	83	502264	84.214 ug/L	99
27) 1,2-Dichloroethane	5.38	62	391004	84.340 ug/L	100
29) Cyclohexane	4.97	56	425988	95.801 ug/L	100
30) 1,1,1-Trichloroethane	4.89	97	432525	89.937 ug/L	99
31) Carbon tetrachloride	5.11	117	389866	91.915 ug/L	99
33) Benzene	5.37	78	1092833	90.350 ug/L	100
34) Trichloroethene	6.16	95	289648	92.869 ug/L	96
35) Methylcyclohexane	6.40	83	456884	96.122 ug/L	99
37) 1,2-Dichloropropane	6.41	63	293484	89.567 ug/L	100
38) Bromodichloromethane	6.74	83	382330	90.231 ug/L	97
39) cis-1,3-Dichloropropene	7.25	75	483584	99.547 ug/L	97
40) 4-Methyl-2-pentanone	7.44	43	909141	191.166 ug/L	100

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42) Toluene	7.62	91	1209276	93.033	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	431115	93.928	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	287704	91.828	ug/L	99
46) Tetrachloroethene	8.21	164	242434	95.252	ug/L	97
48) 2-Hexanone	8.34	43	730002	187.400	ug/L	99
49) Dibromochloromethane	8.46	129	333350	93.468	ug/L	99
50) 1,2-Dibromoethane	8.57	107	321396	94.432	ug/L	98
51) Chlorobenzene	9.10	112	780905	91.354	ug/L	99
52) Ethylbenzene	9.23	91	1334431	95.295	ug/L	99
53) m,p-Xylene	9.36	106	511403	96.475	ug/L	99
54) o-xylene	9.76	106	504969	95.966	ug/L	97
55) Styrene	9.77	104	864029	96.711	ug/L	100
56) Isopropylbenzene	10.15	105	1325398	97.571	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	501485	87.181	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	397540	89.190	ug/L	98
61) Bromoform	9.94	173	265104	94.270	ug/L	98
62) 1,3-Dichlorobenzene	11.40	146	652166	92.151	ug/L	100
63) 1,4-Dichlorobenzene	11.49	146	655415	89.544	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	646804	90.475	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	125775	94.232	ug/L	97
67) 1,3,5-Trichlorobenzene	12.87	180	531202	98.264	ug/L	100
68) 1,2,4-trichlorobenzene	13.49	180	502440	110.297	ug/L	98
69) Naphthalene	13.73	128	1555905	116.641	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	507647	107.525	ug/L	98

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

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