

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041719\
 Data File : VU031214.D
 Acq On : 16 Apr 2019 16:31
 Operator : JC/SP
 Sample : VSTD01048
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01048

Quant Time: Apr 17 02:38:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 02:35:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	501242	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	480756	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	206815	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50267	11.29	ug/L	0.00
7) Chloroethane-d5	1.68	69	41490	11.78	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	92821	11.33	ug/L	0.00
21) 2-Butanone-d5	4.20	46	65784	18.69	ug/L	0.00
24) Chloroform-d	4.65	84	78487	11.16	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	47315	10.09	ug/L	0.00
32) Benzene-d6	5.34	84	144318	10.10	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	48911	10.16	ug/L	0.00
41) Toluene-d8	7.56	98	127596	10.14	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	21535	9.74	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	39341	17.86	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	66681	10.28	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	46440	11.22	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	47580	10.744	ug/L 99
3) Chloromethane	1.32	50	57051	10.160	ug/L 99
5) Vinyl chloride	1.40	62	61101	11.274	ug/L 95
6) Bromomethane	1.63	94	38227	12.859	ug/L 97
8) Chloroethane	1.70	64	37509	11.710	ug/L 100
9) Trichlorofluoromethane	1.88	101	79236	12.009	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	41087	11.280	ug/L 98
12) 1,1-Dichloroethene	2.28	96	40648	11.625	ug/L 92
13) Acetone	2.33	43	56679	16.718	ug/L 98
14) Carbon disulfide	2.48	76	105400	9.927	ug/L 100
15) Methyl Acetate	2.62	43	44253	8.279	ug/L 99
16) Methylene chloride	2.70	84	38194	9.300	ug/L 96
17) trans-1,2-Dichloroethene	2.98	96	34271	9.521	ug/L 99
18) Methyl tert-butyl Ether	3.00	73	105839	8.830	ug/L 97
19) 1,1-Dichloroethane	3.44	63	70592	9.538	ug/L 98
20) cis-1,2-Dichloroethene	4.23	96	42089	10.272	ug/L 95
22) 2-Butanone	4.28	43	69138	16.877	ug/L 94
23) Bromochloromethane	4.55	128	20639	10.601	ug/L 98
25) Chloroform	4.67	83	76329	10.020	ug/L 98
27) 1,2-Dichloroethane	5.40	62	58157	10.059	ug/L 99
29) Cyclohexane	4.99	56	60696	8.811	ug/L 97
30) 1,1,1-Trichloroethane	4.91	97	63321	10.638	ug/L 98
31) Carbon tetrachloride	5.13	117	54410	10.598	ug/L 92
33) Benzene	5.39	78	161085	10.192	ug/L 100
34) Trichloroethene	6.19	95	40764	10.512	ug/L 95
35) Methylcyclohexane	6.41	83	57234	9.662	ug/L 97
37) 1,2-Dichloropropane	6.43	63	43537	9.897	ug/L # 93
38) Bromodichloromethane	6.76	83	53360	9.929	ug/L 98
39) cis-1,3-Dichloropropene	7.27	75	59940	9.547	ug/L 96
40) 4-Methyl-2-pentanone	7.46	43	114312	16.562	ug/L 98

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42) Toluene	7.64	91	152276	9.539	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	50519	9.099	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	38506	10.149	ug/L	97
46) Tetrachloroethene	8.22	164	30094	10.556	ug/L	96
48) 2-Hexanone	8.37	43	88440	16.489	ug/L	98
49) Dibromochloromethane	8.47	129	39565	9.810	ug/L	95
50) 1,2-Dibromoethane	8.58	107	40820	10.017	ug/L #	94
51) Chlorobenzene	9.12	112	97753	9.902	ug/L	95
52) Ethylbenzene	9.25	91	165353	9.491	ug/L	99
53) m,p-Xylene	9.37	106	60820	9.949	ug/L	100
54) o-xylene	9.78	106	57966	9.522	ug/L	97
55) Styrene	9.79	104	88480	8.514	ug/L	99
56) Isopropylbenzene	10.16	105	146939	9.217	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	66671	9.856	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	50899	9.693	ug/L	99
61) Bromoform	9.96	173	30066	10.936	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	66079	10.127	ug/L	95
63) 1,4-Dichlorobenzene	11.50	146	68165	10.223	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	70856	10.753	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	12697	9.303	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	49089	10.220	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	37310	9.207	ug/L	95
69) Naphthalene	13.74	128	101019	7.724	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	42407	9.941	ug/L	97

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

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