

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
 Data File : VU031521.D
 Acq On : 26 Apr 2019 10:38
 Operator : JC/SP
 Sample : VSTD01050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01050

Quant Time: Apr 26 23:32:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 26 23:29:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	692030	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	663127	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	270559	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60473	10.71	ug/L	0.00
7) Chloroethane-d5	1.68	69	47118	10.94	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	119793	11.90	ug/L	0.00
21) 2-Butanone-d5	4.20	46	102978	23.21	ug/L	0.00
24) Chloroform-d	4.65	84	108851	11.72	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	74300	13.11	ug/L	0.00
32) Benzene-d6	5.34	84	205773	10.65	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	73154	11.57	ug/L	0.00
41) Toluene-d8	7.56	98	174410	10.10	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	27964	9.76	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	57168	18.66	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	99944	11.71	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	60512	10.88	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	82068	15.340	ug/L 98
3) Chloromethane	1.32	50	104577	15.440	ug/L 99
5) Vinyl chloride	1.40	62	93983	14.337	ug/L 98
6) Bromomethane	1.63	94	49077	13.226	ug/L 93
8) Chloroethane	1.70	64	52041	14.059	ug/L 97
9) Trichlorofluoromethane	1.88	101	106476	13.782	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	59954	13.507	ug/L 99
12) 1,1-Dichloroethene	2.28	96	58462	13.395	ug/L 86
13) Acetone	2.34	43	135876	36.145	ug/L 99
14) Carbon disulfide	2.48	76	196158	14.563	ug/L 99
15) Methyl Acetate	2.62	43	95510	14.597	ug/L 98
16) Methylene chloride	2.70	84	70131	13.954	ug/L 97
17) trans-1,2-Dichloroethene	2.98	96	60462	13.424	ug/L 99
18) Methyl tert-butyl Ether	2.99	73	184340	12.445	ug/L 99
19) 1,1-Dichloroethane	3.44	63	126726	14.003	ug/L 99
20) cis-1,2-Dichloroethene	4.22	96	62260	12.211	ug/L 97
22) 2-Butanone	4.28	43	142022	30.270	ug/L 97
23) Bromochloromethane	4.55	128	32399	12.799	ug/L 94
25) Chloroform	4.67	83	123326	14.228	ug/L 99
27) 1,2-Dichloroethane	5.40	62	101168	15.295	ug/L 99
29) Cyclohexane	4.99	56	101613	12.133	ug/L 99
30) 1,1,1-Trichloroethane	4.91	97	101922	13.873	ug/L 98
31) Carbon tetrachloride	5.13	117	84007	13.354	ug/L 100
33) Benzene	5.39	78	263684	13.239	ug/L 100
34) Trichloroethene	6.19	95	59961	11.532	ug/L 94
35) Methylcyclohexane	6.41	83	84623	11.084	ug/L 92
37) 1,2-Dichloropropane	6.43	63	75634	14.040	ug/L 99
38) Bromodichloromethane	6.76	83	92167	14.026	ug/L 99
39) cis-1,3-Dichloropropene	7.27	75	88297	11.390	ug/L 100
40) 4-Methyl-2-pentanone	7.46	43	216526	26.373	ug/L 95

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42) Toluene	7.64	91	255526	12.476	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	83282	12.210	ug/L	94
45) 1,1,2-Trichloroethane	8.06	97	60580	12.525	ug/L	97
46) Tetrachloroethene	8.22	164	41861	11.616	ug/L	99
48) 2-Hexanone	8.36	43	173292	26.698	ug/L	94
49) Dibromochloromethane	8.47	129	61510	12.067	ug/L	98
50) 1,2-Dibromoethane	8.58	107	63037	12.513	ug/L	98
51) Chlorobenzene	9.12	112	152139	12.132	ug/L	99
52) Ethylbenzene	9.25	91	249791	11.443	ug/L	99
53) m,p-Xylene	9.37	106	83872	10.709	ug/L	98
54) o-xylene	9.78	106	83768	10.599	ug/L	98
55) Styrene	9.79	104	141525	10.637	ug/L	98
56) Isopropylbenzene	10.16	105	224189	11.014	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	108680	13.006	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	89275	13.643	ug/L	99
61) Bromoform	9.95	173	44736	13.106	ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	96091	11.960	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	97594	12.116	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	102530	12.389	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	24401	15.138	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	68245	11.594	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	50286	10.631	ug/L	97
69) Naphthalene	13.74	128	152556	9.295	ug/L	96
70) 1,2,3-Trichlorobenzene	13.98	180	59870	11.645	ug/L	98

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

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