

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
 Data File : VU031522.D
 Acq On : 26 Apr 2019 11:02
 Operator : JC/SP
 Sample : VSTD05051
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05051

Quant Time: Apr 26 23:33:11 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	710372	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	688437	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	302135	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	302039	52.12	ug/L	0.00
7) Chloroethane-d5	1.68	69	231868	52.46	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	594874	57.54	ug/L	0.00
21) 2-Butanone-d5	4.19	46	572520	125.72	ug/L	0.00
24) Chloroform-d	4.64	84	556010	58.33	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	364377	62.62	ug/L	0.00
32) Benzene-d6	5.34	84	1066264	53.15	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	370703	56.49	ug/L	0.00
41) Toluene-d8	7.56	98	956002	53.33	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	166523	56.00	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	332772	104.62	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	498220	56.23	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	318944	51.36	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	375930	68.452	ug/L 100
3) Chloromethane	1.32	50	455921	65.575	ug/L 100
5) Vinyl chloride	1.40	62	428371	63.659	ug/L 100
6) Bromomethane	1.63	94	220146	57.798	ug/L 100
8) Chloroethane	1.70	64	236046	62.120	ug/L 100
9) Trichlorofluoromethane	1.88	101	487369	61.456	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	273148	59.948	ug/L 100
12) 1,1-Dichloroethene	2.28	96	267919	59.803	ug/L 100
13) Acetone	2.34	43	587712	152.304	ug/L 100
14) Carbon disulfide	2.47	76	877668	63.477	ug/L 100
15) Methyl Acetate	2.62	43	449113	66.868	ug/L 100
16) Methylene chloride	2.70	84	314603	60.979	ug/L 100
17) trans-1,2-Dichloroethene	2.98	96	276001	59.697	ug/L 100
18) Methyl tert-butyl Ether	3.00	73	902052	59.325	ug/L 100
19) 1,1-Dichloroethane	3.44	63	597360	64.302	ug/L 100
20) cis-1,2-Dichloroethene	4.22	96	306053	58.477	ug/L 100
22) 2-Butanone	4.27	43	696083	144.531	ug/L 100
23) Bromochloromethane	4.55	128	145064	55.826	ug/L 100
25) Chloroform	4.67	83	569759	64.037	ug/L 100
27) 1,2-Dichloroethane	5.40	62	456992	67.305	ug/L 100
29) Cyclohexane	4.99	56	539336	62.033	ug/L 100
30) 1,1,1-Trichloroethane	4.91	97	462912	60.694	ug/L 100
31) Carbon tetrachloride	5.13	117	398394	61.002	ug/L 100
33) Benzene	5.39	78	1239271	59.932	ug/L 100
34) Trichloroethene	6.18	95	298600	55.319	ug/L 100
35) Methylcyclohexane	6.41	83	455183	57.427	ug/L 100
37) 1,2-Dichloropropane	6.43	63	349710	62.530	ug/L 100
38) Bromodichloromethane	6.75	83	423161	62.029	ug/L 100
39) cis-1,3-Dichloropropene	7.27	75	460343	57.200	ug/L 100
40) 4-Methyl-2-pentanone	7.46	43	1089084	127.774	ug/L 100

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42) Toluene	7.63	91	1261064	59.308	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	425991	60.156	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	291631	58.076	ug/L	100
46) Tetrachloroethene	8.22	164	199507	53.324	ug/L	100
48) 2-Hexanone	8.36	43	911265	135.231	ug/L	100
49) Dibromochloromethane	8.47	129	304361	57.513	ug/L	100
50) 1,2-Dibromoethane	8.58	107	302191	57.779	ug/L	100
51) Chlorobenzene	9.12	112	726211	55.780	ug/L	100
52) Ethylbenzene	9.25	91	1310226	57.815	ug/L	100
53) m,p-Xylene	9.37	106	450133	55.362	ug/L	100
54) o-xylene	9.77	106	461017	56.185	ug/L	100
55) Styrene	9.79	104	809600	58.612	ug/L	100
56) Isopropylbenzene	10.16	105	1207818	57.154	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	507169	58.464	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	409056	60.215	ug/L	100
61) Bromoform	9.95	173	213529	56.017	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	487809	54.370	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	502338	55.847	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	518429	56.098	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	121338	67.411	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	360288	54.813	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	297384	56.301	ug/L	100
69) Naphthalene	13.74	128	1030240	56.209	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	334152	58.203	ug/L	100

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

