

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061719\
 Data File : VU032774.D
 Acq On : 17 Jun 2019 11:48
 Operator : JC/SP
 Sample : VSTD10034
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10034

Quant Time: Jun 18 01:39:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 01:34:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	216938	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	212290	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	120163	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	147477	103.54	ug/L	0.00
7) Chloroethane-d5	1.67	69	118205	103.52	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	301286	107.52	ug/L	0.00
21) 2-Butanone-d5	4.16	46	259615	219.75	ug/L	0.00
24) Chloroform-d	4.64	84	293728	109.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.30	65	192638	112.64	ug/L	0.00
32) Benzene-d6	5.33	84	567029	102.32	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	179511	102.70	ug/L	0.00
41) Toluene-d8	7.56	98	539162	102.97	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	96312	114.45	ug/L	0.00
47) 2-Hexanone-d5	8.30	63	179266	217.40	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.42	84	278549	110.10	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	229263	99.41	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	212138	105.569	ug/L	100
3) Chloromethane	1.32	50	194287	101.843	ug/L	98
5) Vinyl chloride	1.40	62	194502	101.681	ug/L	100
6) Bromomethane	1.61	94	113374	100.158	ug/L	100
8) Chloroethane	1.69	64	110443	97.750	ug/L	99
9) Trichlorofluoromethane	1.88	101	269938	103.483	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	141582	104.571	ug/L	99
12) 1,1-Dichloroethene	2.28	96	134779	103.265	ug/L	94
13) Acetone	2.32	43	321816	246.665	ug/L	99
14) Carbon disulfide	2.47	76	420653	105.436	ug/L	100
15) Methyl Acetate	2.61	43	192558	109.769	ug/L	100
16) Methylene chloride	2.69	84	157344	105.117	ug/L	98
17) trans-1,2-Dichloroethene	2.97	96	145010	102.751	ug/L	98
18) Methyl tert-butyl Ether	2.99	73	480474	103.727	ug/L	99
19) 1,1-Dichloroethane	3.44	63	280865	107.668	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	162418	102.182	ug/L	97
22) 2-Butanone	4.25	43	362288	242.805	ug/L	100
23) Bromochloromethane	4.54	128	84039	101.565	ug/L	98
25) Chloroform	4.66	83	288391	107.279	ug/L	98
27) 1,2-Dichloroethane	5.40	62	240072	111.548	ug/L	100
29) Cyclohexane	4.99	56	249426	98.871	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	255414	105.009	ug/L	99
31) Carbon tetrachloride	5.13	117	234351	104.881	ug/L	100
33) Benzene	5.38	78	606910	101.119	ug/L	100
34) Trichloroethene	6.18	95	158350	97.191	ug/L	98
35) Methylcyclohexane	6.41	83	258716	98.650	ug/L	98
37) 1,2-Dichloropropane	6.42	63	165138	102.665	ug/L	100
38) Bromodichloromethane	6.75	83	223368	107.404	ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	273773	108.551	ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	545010	213.737	ug/L	99

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42) Toluene	7.63	91	665245	101.329	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	250749	110.924	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	153042	101.588	ug/L	98
46) Tetrachloroethene	8.22	164	132915	99.014	ug/L	98
48) 2-Hexanone	8.36	43	479879	225.300	ug/L	99
49) Dibromochloromethane	8.47	129	191317	108.453	ug/L	97
50) 1,2-Dibromoethane	8.58	107	174428	102.920	ug/L	100
51) Chlorobenzene	9.11	112	425521	100.532	ug/L	98
52) Ethylbenzene	9.24	91	746648	102.273	ug/L	100
53) m,p-Xylene	9.37	106	282889	102.070	ug/L	99
54) o-xylene	9.77	106	279759	101.876	ug/L	99
55) Styrene	9.79	104	490205	106.344	ug/L	98
56) Isopropylbenzene	10.16	105	754874	104.159	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	282542	109.063	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	222687	107.043	ug/L	99
61) Bromoform	9.95	173	153062	104.917	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	357047	97.979	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	368414	98.175	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	366147	99.217	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	73752	116.928	ug/L	99
67) 1,3,5-Trichlorobenzene	12.88	180	293691	103.018	ug/L	97
68) 1,2,4-trichlorobenzene	13.49	180	265944	110.219	ug/L	100
69) Naphthalene	13.74	128	872925	115.325	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	275372	108.921	ug/L	98

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

