

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052119\
 Data File : VU032186.D
 Acq On : 21 May 2019 09:44
 Operator : JC/SP
 Sample : VSTD01052
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01052

Quant Time: May 22 01:38:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 22 01:34:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	812439	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	819480	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	382577	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52039	7.66	ug/L	0.00
7) Chloroethane-d5	1.67	69	47503	8.59	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	101695	8.29	ug/L	0.00
21) 2-Butanone-d5	4.18	46	61270	13.21	ug/L	0.00
24) Chloroform-d	4.64	84	104328	8.97	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	61983	8.51	ug/L	0.00
32) Benzene-d6	5.34	84	212300	9.15	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	60507	8.04	ug/L	0.00
41) Toluene-d8	7.56	98	195541	9.31	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	28282	8.40	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	49132	15.80	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	99471	8.84	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	81393	10.19	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	69259	9.455 ug/L	99
3) Chloromethane	1.32	50	58707	7.447 ug/L	99
5) Vinyl chloride	1.40	62	65634	7.864 ug/L	99
6) Bromomethane	1.61	94	47933	10.485 ug/L	97
8) Chloroethane	1.69	64	41131	8.303 ug/L	96
9) Trichlorofluoromethane	1.88	101	96516	9.867 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	55556	9.313 ug/L	97
12) 1,1-Dichloroethene	2.28	96	56765	9.600 ug/L	94
13) Acetone	2.32	43	71181	14.823 ug/L	99
14) Carbon disulfide	2.47	76	160566	8.551 ug/L	99
15) Methyl Acetate	2.61	43	47714	6.600 ug/L	98
16) Methylene chloride	2.70	84	66162	9.281 ug/L	95
17) trans-1,2-Dichloroethene	2.98	96	56398	9.169 ug/L	89
18) Methyl tert-butyl Ether	3.00	73	157971	8.475 ug/L	99
19) 1,1-Dichloroethane	3.44	63	97347	8.274 ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	62899	9.282 ug/L	92
22) 2-Butanone	4.26	43	68697	12.564 ug/L	99
23) Bromochloromethane	4.54	128	33894	9.988 ug/L	97
25) Chloroform	4.67	83	107314	9.050 ug/L	100
27) 1,2-Dichloroethane	5.40	62	79352	8.750 ug/L	100
29) Cyclohexane	4.99	56	74274	7.765 ug/L	97
30) 1,1,1-Trichloroethane	4.91	97	90297	9.602 ug/L	95
31) Carbon tetrachloride	5.13	117	77965	9.821 ug/L	98
33) Benzene	5.39	78	231388	8.859 ug/L	100
34) Trichloroethene	6.18	95	59950	9.124 ug/L	96
35) Methylcyclohexane	6.41	83	90152	9.010 ug/L	97
37) 1,2-Dichloropropane	6.43	63	56042	8.115 ug/L	# 93
38) Bromodichloromethane	6.76	83	75865	8.759 ug/L	96
39) cis-1,3-Dichloropropene	7.27	75	82174	8.267 ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	119057	13.065 ug/L	97

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42) Toluene	7.63	91	241508	8.908	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	71042	8.115	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	58489	8.931	ug/L	93
46) Tetrachloroethene	8.22	164	49798	10.393	ug/L	90
48) 2-Hexanone	8.36	43	102026	13.767	ug/L	99
49) Dibromochloromethane	8.47	129	62774	9.425	ug/L	99
50) 1,2-Dibromoethane	8.58	107	60522	8.724	ug/L	96
51) Chlorobenzene	9.12	112	167060	9.577	ug/L	98
52) Ethylbenzene	9.25	91	258184	8.882	ug/L	98
53) m,p-Xylene	9.37	106	98186	9.164	ug/L	93
54) o-xylene	9.77	106	95365	8.971	ug/L	91
55) Styrene	9.79	104	161209	8.853	ug/L	98
56) Isopropylbenzene	10.16	105	248300	9.132	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	99877	8.575	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	77027	8.437	ug/L	99
61) Bromoform	9.95	173	48695	9.544	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	120695	9.650	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	130480	9.907	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	129200	9.758	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	19928	8.082	ug/L	90
67) 1,3,5-Trichlorobenzene	12.89	180	93875	10.346	ug/L	95
68) 1,2,4-trichlorobenzene	13.50	180	59415	8.513	ug/L	98
69) Naphthalene	13.74	128	163665	7.194	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	71232	9.360	ug/L	97

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

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