Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037616.D
Acq On : 09 Apr 2020 14:36
Operator : JC/MD
Sample : L2189-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS79

Quant Time: Apr 10 03:12:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 10 03:10:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	2165	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	3286	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	4304	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.85	65	92	4.86	ug/L	0.24
Spiked Amount 50.000	Range 60 - 135		Recovery = 9.72%#			
7) Chloroethane-d5	1.93	69	182	11.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 23.80%#			
11) 1,1-Dichloroethene-d2	2.60	63	80782	2619.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 5238.38%#			
21) 2-Butanone-d5	4.68	46	2169	141.45	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 141.45%#			
24) Chloroform-d	5.10	84	339	11.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 23.84%#			
26) 1,2-Dichloroethane-d4	5.75	65	1290	66.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 133.52%#			
32) Benzene-d6	5.76	84	759	7.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 15.70%#			
36) 1,2-Dichloropropane-d6	6.72	67	341	10.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 21.20%#			
41) Toluene-d8	7.93	98	2989	33.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 66.70%#			
43) trans-1,3-Dichloropropene-	8.20	79	664	38.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.34%			
47) 2-Hexanone-d5	8.66	63	2221	120.55	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 120.55%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	2993	65.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 131.68%#			
64) 1,2-Dichlorobenzene-d4	12.21	152	3959	44.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	308	18.161	ug/L #	87
3) Chloromethane	1.54	50	771	38.871	ug/L	99
5) Vinyl chloride	1.62	62	29304	1411.783	ug/L	100
6) Bromomethane	1.84	94	68	6.225	ug/L	98
8) Chloroethane	1.95	64	21810	1769.950	ug/L	98
9) Trichlorofluoromethane	2.16	101	166	7.406	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	569	41.693	ug/L #	31
12) 1,1-Dichloroethene	2.61	96	143817	10391.320	ug/L #	75
13) Acetone	2.66	43	3478	384.036	ug/L	86
14) Carbon disulfide	2.83	76	3190	67.284	ug/L #	95
15) Methyl Acetate	2.99	43	97	4.504	ug/L #	53
16) Methylene chloride	3.08	84	460	29.093	ug/L #	60
17) trans-1,2-Dichloroethene	3.39	96	4340	292.303	ug/L	91
18) Methyl tert-butyl Ether	3.41	73	256	4.995	ug/L #	48
19) 1,1-Dichloroethane	3.91	63	3283001	112784.559	ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	35935	2201.153	ug/L	100
22) 2-Butanone	4.75	43	7130	449.802	ug/L	84

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	5.13	83	697	25.448 ug/L	96
27) 1,2-Dichloroethane	5.83	62	5048	222.833 ug/L #	75
29) Cyclohexane	5.42	56	1864	41.250 ug/L #	27
30) 1,1,1-Trichloroethane	5.36	97	8808694	236501.524 ug/L	99
31) Carbon tetrachloride	5.36	117	1131062	37408.329 ug/L	100
33) Benzene	5.81	78	36321	363.208 ug/L	100
34) Trichloroethene	6.57	95	3333	135.394 ug/L	85
35) Methylcyclohexane	6.79	83	1822	41.714 ug/L	95
37) 1,2-Dichloropropane	6.82	63	295	10.736 ug/L #	87
38) Bromodichloromethane	7.13	83	272	8.041 ug/L #	25
39) cis-1,3-Dichloropropene	7.64	75	119	2.646 ug/L #	1
40) 4-Methyl-2-pentanone	7.82	43	2408	49.344 ug/L	97
42) Toluene	7.99	91	11599	109.189 ug/L	95
44) trans-1,3-Dichloropropene	8.24	75	516	11.836 ug/L #	1
45) 1,1,2-Trichloroethane	8.42	97	3110	126.850 ug/L	94
46) Tetrachloroethene	8.57	164	1474	80.477 ug/L #	80
48) 2-Hexanone	8.71	43	1342	34.827 ug/L #	1
49) Dibromochloromethane	8.57	129	1379	52.452 ug/L #	10
50) 1,2-Dibromoethane	8.94	107	61	2.300 ug/L #	29
51) Chlorobenzene	9.47	112	52595	792.805 ug/L	93
52) Ethylbenzene	9.59	91	5105	42.863 ug/L #	82
53) m,p-Xylene	9.71	106	3584	79.251 ug/L	99
54) o-xylene	10.12	106	2883	64.279 ug/L	94
55) Styrene	10.13	104	1117	14.364 ug/L #	62
56) Isopropylbenzene	10.50	105	7198	61.635 ug/L #	90
58) 1,1,2,2-Tetrachloroethane	10.80	83	2602	59.436 ug/L	91
59) 1,2,3-Trichloropropane	10.84	75	301	8.064 ug/L #	1
62) 1,3-Dichlorobenzene	11.76	146	2371	17.114 ug/L	92
63) 1,4-Dichlorobenzene	11.85	146	4936	35.511 ug/L	95
65) 1,2-Dichlorobenzene	12.23	146	18506	135.544 ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	1585	15.647 ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	2290	23.439 ug/L #	86
69) Naphthalene	14.11	128	14469	40.136 ug/L #	90
70) 1,2,3-Trichlorobenzene	14.36	180	2118	21.757 ug/L #	58

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

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