Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090119\
Data File : VV012507.D
Acq On : 01 Sep 2019 13:48
Operator : SY/MD
Sample : VSTDICV050
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV61

Manual Integrations APPROVED
MMDadoda
9/3/2019 4:03:55 PM

Quant Time: Sep 02 04:25:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 02 04:16:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	361201	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	344355	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	165487	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	111831	46.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.62%			
7) Chloroethane-d5	1.58	69	121378	46.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.42%			
11) 1,1-Dichloroethene-d2	2.13	63	302646	46.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.10%			
21) 2-Butanone-d5	3.93	46	199135	99.06	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.06%			
24) Chloroform-d	4.40	84	237067	47.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.60%			
26) 1,2-Dichloroethane-d4	5.08	65	155494	48.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.48%			
32) Benzene-d6	5.10	84	410844	50.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.78%			
36) 1,2-Dichloropropane-d6	6.12	67	145930	49.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.86%			
41) Toluene-d8	7.36	98	391221	51.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.60%			
43) trans-1,3-Dichloropropene-	7.66	79	66192	50.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.14%			
47) 2-Hexanone-d5	8.13	63	117056	101.02	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.02%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	207736	49.95	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.90%			
64) 1,2-Dichlorobenzene-d4	11.67	152	156863	48.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	136108	45.370	ug/L	100
3) Chloromethane	1.25	50	175462	45.932	ug/L	99
5) Vinyl chloride	1.32	62	185974	46.439	ug/L	99
6) Bromomethane	1.53	94	155228	46.864	ug/L	99
8) Chloroethane	1.60	64	130884	44.317	ug/L	100
9) Trichlorofluoromethane	1.77	101	272061	45.674	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	155837	44.753	ug/L	100
12) 1,1-Dichloroethene	2.14	96	146683	44.154	ug/L	97
13) Acetone	2.19	43	160614	75.080	ug/L	99
14) Carbon disulfide	2.32	76	341448	47.583	ug/L	99
15) Methyl Acetate	2.46	43	150871	47.250	ug/L	99
16) Methylene chloride	2.54	84	133139	45.856	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	120218	46.518	ug/L	100
18) Methyl tert-butyl Ether	2.80	73	385706	48.754	ug/L	99
19) 1,1-Dichloroethane	3.23	63	243096	46.629	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	135901m	47.749	ug/L	
22) 2-Butanone	4.02	43	208099	87.141	ug/L	98

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Quant Title : VOC Analysis
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	64472	45.577 ug/L	95
25) Chloroform	4.43	83	244825	45.705 ug/L	98
27) 1,2-Dichloroethane	5.18	62	212149	47.353 ug/L	98
29) Cyclohexane	4.73	56	217753	51.122 ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	198814	48.098 ug/L	99
31) Carbon tetrachloride	4.88	117	172668	48.262 ug/L	98
33) Benzene	5.15	78	521450	48.273 ug/L	100
34) Trichloroethene	5.96	95	138831	47.595 ug/L	95
35) Methylcyclohexane	6.18	83	215090	50.508 ug/L	99
37) 1,2-Dichloropropane	6.22	63	139939	47.340 ug/L	99
38) Bromodichloromethane	6.55	83	184547	47.697 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	216179	52.069 ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	416603	102.815 ug/L	99
42) Toluene	7.43	91	559141	49.545 ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	191457	51.660 ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	126617	47.140 ug/L	98
46) Tetrachloroethene	8.02	164	94863	47.727 ug/L	99
48) 2-Hexanone	8.18	43	335303	106.295 ug/L	98
49) Dibromochloromethane	8.29	129	133111	48.320 ug/L	98
50) 1,2-Dibromoethane	8.40	107	132587	49.330 ug/L	100
51) Chlorobenzene	8.92	112	340807	47.737 ug/L	100
52) Ethylbenzene	9.05	91	615914	50.154 ug/L	99
53) m,p-Xylene	9.18	106	222232	50.608 ug/L	96
54) o-xylene	9.59	106	221941	51.660 ug/L	99
55) Styrene	9.60	104	382958	52.075 ug/L	98
56) Isopropylbenzene	9.97	105	586780	51.211 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	196000	48.388 ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	165053	46.900 ug/L	99
61) Bromoform	9.77	173	85532	46.077 ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	257960	49.583 ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	259632	47.891 ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	257369	48.106 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	42317	44.840 ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	179082	51.046 ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	150957	54.864 ug/L	96
69) Naphthalene	13.55	128	485737	60.696 ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	161117	56.200 ug/L	100

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

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