Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080719\
Data File : VV012125.D
Acq On : 07 Aug 2019 14:09
Operator : SY/MD
Sample : MDL05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 08 01:39:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 08 01:11:59 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMDadoda
8/8/2019 11:45:24 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	246516	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	234096	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	116746	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	56771	42.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.26%			
7) Chloroethane-d5	1.58	69	38920	40.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 81.38%			
11) 1,1-Dichloroethene-d2	2.13	63	75395	32.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.54%			
21) 2-Butanone-d5	3.92	46	103425	105.34	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.34%			
24) Chloroform-d	4.40	84	154695	45.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.52%			
26) 1,2-Dichloroethane-d4	5.08	65	107655	49.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.12%			
32) Benzene-d6	5.10	84	301391	44.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.48%			
36) 1,2-Dichloropropane-d6	6.12	67	86855	44.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.02%			
41) Toluene-d8	7.36	98	292577	45.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.08%			
43) trans-1,3-Dichloropropene-	7.66	79	51045	46.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.02%			
47) 2-Hexanone-d5	8.13	63	86442	106.66	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.66%			
56) 1,1,2,2-Tetrachloroethane-	10.26	84	142537	51.82	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.64%			
66) 1,2-Dichlorobenzene-d4	11.67	152	135701	49.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.84%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	5097	2.927	ug/L	99
3) Chloromethane	1.25	50	3837	3.104	ug/L	98
5) Vinyl chloride	1.32	62	3161	2.649	ug/L #	45
6) Bromomethane	1.53	94	1985	2.865	ug/L	97
8) Chloroethane	1.60	64	1532	2.451	ug/L	88
9) Trichlorofluoromethane	1.77	101	5369	2.767	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2990	3.144	ug/L	86
12) 1,1-Dichloroethene	2.14	96	2708	3.024	ug/L #	1
13) Acetone	2.19	43	3354	5.010	ug/L	91
14) Carbon disulfide	2.32	76	7163	2.367	ug/L	95
15) Methyl Acetate	2.46	43	2701	2.306	ug/L	93
16) Methylene chloride	2.53	84	3699	2.722	ug/L	95
17) trans-1,2-Dichloroethene	2.79	96	3367	2.662	ug/L	92
18) Methyl tert-butyl Ether	2.80	73	11073	2.548	ug/L	98
19) 1,1-Dichloroethane	3.23	63	5269	2.285	ug/L	97
20) cis-1,2-Dichloroethene	3.97	96	3748m	2.516	ug/L	
22) 2-Butanone	4.03	43	4557m	5.282	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.31	128	2022	2.469 ug/L #	78
25) Chloroform	4.43	83	7792	2.981 ug/L	98
27) 1,2-Dichloroethane	5.18	62	5941	2.924 ug/L	98
29) Cyclohexane	4.73	56	4680	2.391 ug/L	93
30) 1,1,1-Trichloroethane	4.66	97	6254	2.515 ug/L	94
31) Carbon tetrachloride	4.87	117	5941	2.575 ug/L	100
33) Benzene	5.15	78	12966	2.406 ug/L	100
34) Trichloroethene	5.96	95	3983	2.659 ug/L	87
35) Methylcyclohexane	6.18	83	5593	2.509 ug/L #	75
37) 1,2-Dichloropropane	6.23	63	3220m	2.450 ug/L	
38) Bromodichloromethane	6.56	83	5325	2.575 ug/L	89
39) cis-1,3-Dichloropropene	7.07	75	5540	2.391 ug/L	95
40) 4-Methyl-2-pentanone	7.27	43	8961	5.297 ug/L	97
42) Toluene	7.43	91	16156	2.698 ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	5533	2.529 ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	3474	2.452 ug/L	94
46) Tetrachloroethene	8.02	164	3452	2.474 ug/L	91
48) 2-Hexanone	8.18	43	7478	5.863 ug/L #	95
49) Dibromochloromethane	8.29	129	4579	2.490 ug/L	82
50) 1,2-Dibromoethane	8.40	107	3967	2.532 ug/L	99
51) Chlorobenzene	8.92	112	10676	2.645 ug/L	97
52) Ethylbenzene	9.05	91	16900	2.515 ug/L	99
53) m,p-Xylene	9.18	106	6588	2.542 ug/L	81
54) o-Xylene	9.59	106	6609	2.570 ug/L	94
55) Styrene	9.60	104	10800	2.493 ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.29	83	7100	3.259 ug/L #	98
59) Bromoform	9.77	173	3989	2.913 ug/L #	97
60) Isopropylbenzene	9.97	105	17117	2.678 ug/L	98
61) 1,2,3-Trichloropropane	10.32	75	5200	3.280 ug/L	98
62) 1,3,5-Trimethylbenzene	10.58	105	14597	2.642 ug/L	100
63) 1,2,4-Trimethylbenzene	10.96	105	13716	2.515 ug/L	96
64) 1,3-Dichlorobenzene	11.22	146	8857	2.747 ug/L	97
65) 1,4-Dichlorobenzene	11.31	146	8959	2.749 ug/L	96
67) 1,2-Dichlorobenzene	11.69	146	9612	2.921 ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.48	75	1559	2.984 ug/L	92
69) 1,3,5-Trichlorobenzene	12.69	180	6691	2.560 ug/L	94
70) 1,2,4-trichlorobenzene	13.31	180	4504	1.987 ug/L	100
71) Naphthalene	13.55	128	8672	1.510 ug/L #	78
72) 1,2,3-Trichlorobenzene	13.79	180	4743	2.079 ug/L	92

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

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