Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020820\
Data File : VV014538.D
Acq On : 07 Feb 2020 14:56
Operator : SY/MD
Sample : MDL02
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL02

Manual Integrations APPROVED
MMDadoda
2/10/2020 11:56:45 AM

Quant Time: Feb 08 00:54:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 08 00:03:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	347150	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	325793	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	163163	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	79692	42.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.66%			
7) Chloroethane-d5	1.58	69	57155	44.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.12%			
11) 1,1-Dichloroethene-d2	2.13	63	98255	34.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.74%			
21) 2-Butanone-d5	3.92	46	143246	98.57	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.57%			
24) Chloroform-d	4.40	84	204384	47.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.28%			
26) 1,2-Dichloroethane-d4	5.08	65	133618	51.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.06%			
32) Benzene-d6	5.10	84	442880	49.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.18%			
36) 1,2-Dichloropropane-d6	6.11	67	135812	49.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.20%			
41) Toluene-d8	7.36	98	412335	49.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.28%			
43) trans-1,3-Dichloropropene-	7.66	79	72088	48.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.20%			
47) 2-Hexanone-d5	8.13	63	119180	101.27	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.27%			
56) 1,1,2,2-Tetrachloroethane-	10.25	84	180728	50.31	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.62%			
66) 1,2-Dichlorobenzene-d4	11.67	152	156848	50.12	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.24%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	6954	2.501	ug/L	100
3) Chloromethane	1.26	50	6707	2.382	ug/L	92
5) Vinyl chloride	1.32	62	5457	2.530	ug/L #	76
6) Bromomethane	1.54	94	2543	2.564	ug/L	76
8) Chloroethane	1.60	64	2354	2.197	ug/L	96
9) Trichlorofluoromethane	1.77	101	7255	2.497	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4387	3.145	ug/L #	83
12) 1,1-Dichloroethene	2.14	96	3996	2.995	ug/L #	1
13) Acetone	2.19	43	6540	5.375	ug/L	90
14) Carbon disulfide	2.32	76	15668	2.419	ug/L	96
15) Methyl Acetate	2.46	43	5294	2.263	ug/L	95
16) Methylene chloride	2.54	84	7285	2.875	ug/L	90
17) trans-1,2-Dichloroethene	2.79	96	5749	2.446	ug/L	97
18) Methyl tert-butyl Ether	2.80	73	18396	2.471	ug/L	96
19) 1,1-Dichloroethane	3.23	63	10173	2.420	ug/L	96
20) cis-1,2-Dichloroethene	3.96	96	6410	2.423	ug/L	90
22) 2-Butanone	4.04	43	7245	4.026	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.31	128	3031	2.420 ug/L		90
25) Chloroform	4.42	83	17338	4.056 ug/L		95
27) 1,2-Dichloroethane	5.19	62	7645	2.400 ug/L		98
29) Cyclohexane	4.72	56	9672	2.415 ug/L	#	77
30) 1,1,1-Trichloroethane	4.66	97	9770	2.628 ug/L		99
31) Carbon tetrachloride	4.88	117	7964	2.428 ug/L		96
33) Benzene	5.15	78	24272	2.534 ug/L		100
34) Trichloroethene	5.96	95	6408	2.524 ug/L		85
35) Methylcyclohexane	6.17	83	9551	2.302 ug/L		93
37) 1,2-Dichloropropane	6.22	63	6684	2.740 ug/L	#	91
38) Bromodichloromethane	6.56	83	7839	2.394 ug/L		98
39) cis-1,3-Dichloropropene	7.07	75	9801	2.408 ug/L		98
40) 4-Methyl-2-pentanone	7.27	43	14835	4.705 ug/L		98
42) Toluene	7.43	91	26613	2.591 ug/L		98
44) trans-1,3-Dichloropropene	7.69	75	8987m	2.463 ug/L		
45) 1,1,2-Trichloroethane	7.88	97	5930	2.534 ug/L		96
46) Tetrachloroethene	8.02	164	5181	2.675 ug/L		93
48) 2-Hexanone	8.18	43	12320	5.076 ug/L	#	92
49) Dibromochloromethane	8.29	129	6556	2.481 ug/L		95
50) 1,2-Dibromoethane	8.39	107	6433	2.538 ug/L	#	92
51) Chlorobenzene	8.92	112	17774	2.650 ug/L		96
52) Ethylbenzene	9.05	91	28819	2.502 ug/L		95
53) m,p-Xylene	9.18	106	11216	2.528 ug/L		99
54) o-Xylene	9.58	106	10532	2.480 ug/L		96
55) Styrene	9.60	104	17451	2.405 ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.28	83	10697	2.916 ug/L	#	98
59) Bromoform	9.77	173	4315	2.371 ug/L	#	98
60) Isopropylbenzene	9.97	105	27847	2.524 ug/L		97
61) 1,2,3-Trichloropropane	10.31	75	7263	2.513 ug/L		96
62) 1,3,5-Trimethylbenzene	10.58	105	22547	2.387 ug/L		97
63) 1,2,4-Trimethylbenzene	10.95	105	21987	2.361 ug/L		99
64) 1,3-Dichlorobenzene	11.22	146	13310	2.557 ug/L		97
65) 1,4-Dichlorobenzene	11.31	146	13834	2.582 ug/L		97
67) 1,2-Dichlorobenzene	11.68	146	13537	2.683 ug/L		97
68) 1,2-Dibromo-3-chloropropan	12.48	75	1969	2.433 ug/L		92
69) 1,3,5-Trichlorobenzene	12.69	180	9048	2.468 ug/L		97
70) 1,2,4-trichlorobenzene	13.31	180	8714	2.588 ug/L		93
71) Naphthalene	13.55	128	26369	2.385 ug/L		99
72) 1,2,3-Trichlorobenzene	13.79	180	7990	2.443 ug/L		99

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

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