Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020620\
Data File : VV014519.D
Acq On : 06 Feb 2020 15:12
Operator : SY/MD
Sample : MDL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 07 01:51:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 07 01:37:17 2020
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : MDL01

Manual Integrations APPROVED
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2/7/2020 1:23:49 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	423842	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	387378	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	194098	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	105651	45.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.94%			
7) Chloroethane-d5	1.58	69	73115	46.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.32%			
11) 1,1-Dichloroethene-d2	2.13	63	122806	35.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.36%			
21) 2-Butanone-d5	3.92	46	154689	87.19	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.19%			
24) Chloroform-d	4.39	84	236064	45.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.14%			
26) 1,2-Dichloroethane-d4	5.07	65	148119	46.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.66%			
32) Benzene-d6	5.09	84	511351	47.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.34%			
36) 1,2-Dichloropropane-d6	6.11	67	156937	47.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.42%			
41) Toluene-d8	7.35	98	468450	47.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.86%			
43) trans-1,3-Dichloropropene-	7.66	79	79567	45.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.22%			
47) 2-Hexanone-d5	8.13	63	120240	85.93	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.93%			
56) 1,1,2,2-Tetrachloroethane-	10.25	84	194772	45.60	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.20%			
66) 1,2-Dichlorobenzene-d4	11.67	152	176472	47.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	8537	2.514	ug/L	98
3) Chloromethane	1.26	50	9049	2.632	ug/L	98
5) Vinyl chloride	1.33	62	6737	2.559	ug/L #	69
6) Bromomethane	1.53	94	2963	2.447	ug/L	95
8) Chloroethane	1.60	64	3332	2.547	ug/L	93
9) Trichlorofluoromethane	1.77	101	8907	2.511	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	5611	3.294	ug/L #	81
12) 1,1-Dichloroethene	2.14	96	4663	2.862	ug/L #	1
13) Acetone	2.18	43	10051	6.766	ug/L	97
14) Carbon disulfide	2.32	76	21470	2.714	ug/L	98
15) Methyl Acetate	2.46	43	6940	2.430	ug/L	99
16) Methylene chloride	2.54	84	9118	2.947	ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	7635	2.660	ug/L	91
18) Methyl tert-butyl Ether	2.80	73	22444	2.469	ug/L	98
19) 1,1-Dichloroethane	3.23	63	12976	2.528	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	8182	2.533	ug/L	95
22) 2-Butanone	4.02	43	10166m	4.627	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	3932	2.571 ug/L	86
25) Chloroform	4.42	83	17454	3.345 ug/L	93
27) 1,2-Dichloroethane	5.18	62	9831	2.528 ug/L	100
29) Cyclohexane	4.72	56	12342	2.591 ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	11504	2.602 ug/L #	86
31) Carbon tetrachloride	4.87	117	9538	2.445 ug/L	99
33) Benzene	5.14	78	29201	2.564 ug/L	100
34) Trichloroethene	5.96	95	7806	2.586 ug/L	97
35) Methylcyclohexane	6.18	83	13497	2.736 ug/L	99
37) 1,2-Dichloropropane	6.22	63	7058	2.433 ug/L #	89
38) Bromodichloromethane	6.55	83	9260	2.379 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	11882	2.455 ug/L	94
40) 4-Methyl-2-pentanone	7.27	43	16811	4.485 ug/L	98
42) Toluene	7.43	91	31249	2.559 ug/L	95
44) trans-1,3-Dichloropropene	7.69	75	11184	2.578 ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	6766	2.431 ug/L	96
46) Tetrachloroethene	8.01	164	5787	2.513 ug/L	96
48) 2-Hexanone	8.18	43	12754	4.420 ug/L	97
49) Dibromochloromethane	8.28	129	7558	2.405 ug/L	95
50) 1,2-Dibromoethane	8.39	107	7268	2.411 ug/L	98
51) Chlorobenzene	8.92	112	19918	2.497 ug/L	95
52) Ethylbenzene	9.05	91	34422	2.514 ug/L	97
53) m,p-Xylene	9.18	106	12758	2.419 ug/L	94
54) o-Xylene	9.58	106	12365	2.449 ug/L	91
55) Styrene	9.60	104	20915	2.424 ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.28	83	11673	2.676 ug/L #	92
59) Bromoform	9.77	173	4641	2.144 ug/L #	92
60) Isopropylbenzene	9.97	105	33298	2.537 ug/L	97
61) 1,2,3-Trichloropropane	10.31	75	8685	2.527 ug/L	97
62) 1,3,5-Trimethylbenzene	10.58	105	27898	2.483 ug/L	99
63) 1,2,4-Trimethylbenzene	10.95	105	26607	2.402 ug/L	99
64) 1,3-Dichlorobenzene	11.22	146	15785	2.550 ug/L	98
65) 1,4-Dichlorobenzene	11.31	146	17332	2.719 ug/L	96
67) 1,2-Dichlorobenzene	11.68	146	16155	2.691 ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.48	75	2056	2.136 ug/L	93
69) 1,3,5-Trichlorobenzene	12.69	180	11031	2.529 ug/L	97
70) 1,2,4-trichlorobenzene	13.31	180	9569	2.389 ug/L	97
71) Naphthalene	13.55	128	31605	2.403 ug/L	97
72) 1,2,3-Trichlorobenzene	13.79	180	9030	2.321 ug/L	99

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

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