Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029466.D
Acq On : 08 Dec 2022 12:42
Operator : SY/MD
Sample : MDL05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL05

Quant Time: Dec 09 01:59:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 08 01:48:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	1420	50.000	ug/L	# 0.01
28) Chlorobenzene-d5	8.854	117	3861	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	4428	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	387	44.506	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.020%			
7) Chloroethane-d5	1.561	69	127	19.154	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 38.300%#			
11) 1,1-Dichloroethene-d2	2.108	63	732	53.972	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.940%			
21) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount 100.000	Range 40 - 130		Recovery = 0.000%#			
24) Chloroform-d	4.336	84	63	3.850	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 7.700%#			
26) 1,2-Dichloroethane-d4	5.043	65	130	13.910	ug/L	0.02
Spiked Amount 50.000	Range 70 - 125		Recovery = 27.820%#			
32) Benzene-d6	5.060	84	1331	13.046	ug/L	0.02
Spiked Amount 50.000	Range 70 - 125		Recovery = 26.100%#			
36) 1,2-Dichloropropane-d6	0.000	67	0	0.000	ug/L	
Spiked Amount 50.000	Range 70 - 120		Recovery = 0.000%#			
41) Toluene-d8	7.320	98	2202	22.907	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 45.820%#			
43) trans-1,3-Dichloroprop...	7.622	79	42	2.669	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 5.340%#			
47) 2-Hexanone-d5	8.111	63	73	5.486	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 5.490%#			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	838	18.818	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 37.640%#			
66) 1,2-Dichlorobenzene-d4	11.616	152	3486	41.356	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	51	4.560	ug/L #	42
3) Chloromethane	1.240	50	404	31.680	ug/L #	41
8) Chloroethane	1.568	64	44	7.406	ug/L #	42
12) 1,1-Dichloroethene	2.224	96	41	5.402	ug/L #	1
13) Acetone	2.163	43	2142	619.865	ug/L	90
14) Carbon disulfide	2.291	76	973	38.518	ug/L #	86
15) Methyl Acetate	2.233	43	40	5.081	ug/L #	45
16) Methylene chloride	2.507	84	4383	464.426	ug/L	97
22) 2-Butanone	4.111	43	44	8.002	ug/L #	43
29) Cyclohexane	4.667	56	70	1.674	ug/L #	12
33) Benzene	5.085	78	157	1.443	ug/L	100
34) Trichloroethene	5.921	95	78	2.860	ug/L #	4
35) Methylcyclohexane	6.114	83	43	0.928	ug/L #	1
42) Toluene	7.387	91	139	1.187	ug/L #	22
48) 2-Hexanone	8.140	43	201	8.400	ug/L #	64
51) Chlorobenzene	8.876	112	653	8.804	ug/L #	67
52) Ethylbenzene	9.014	91	316	2.566	ug/L #	43
53) m,p-Xylene	9.137	106	88	1.805	ug/L	95
55) Styrene	9.567	104	354	4.225	ug/L #	34

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) Isopropylbenzene	9.924	105	338	1.300	ug/L	#	65
62) 1,3,5-Trimethylbenzene	10.529	105	345	1.501	ug/L	#	46
63) 1,2,4-Trimethylbenzene	10.902	105	239	1.049	ug/L	#	30
64) 1,3-Dichlorobenzene	11.178	146	413	3.249	ug/L		93
65) 1,4-Dichlorobenzene	11.272	146	785	6.077	ug/L		97
67) 1,2-Dichlorobenzene	11.632	146	538	4.139	ug/L		96
69) 1,3,5-Trichlorobenzene	12.635	180	344	3.401	ug/L	#	62
70) 1,2,4-trichlorobenzene	13.252	180	613	6.815	ug/L	#	52
71) Naphthalene	13.496	128	5873	28.783	ug/L	#	93
72) 1,2,3-Trichlorobenzene	13.734	180	599	6.798	ug/L	#	77

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

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