Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042924\
Data File : VV035468.D
Acq On : 29 Apr 2024 14:09
Operator : SY/MD
Sample : P2279-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0RQ7

Quant Time: Apr 30 02:11:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 02:09:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.564	114	44	50.000	ug/L	# 0.04
28) Chlorobenzene-d5	8.812	117	1795	50.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.197	152	3867	50.000	ug/L	0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	457	1292.396	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 2584.800%#			
7) Chloroethane-d5	1.529	69	501	2472.864	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 4945.720%#			
11) 1,1-Dichloroethene-d2	2.050	65	408	2823.081	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 5646.160%#			
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	4.265	84	263	442.006	ug/L	0.02
Spiked Amount 50.000	Range 70 - 125		Recovery = 884.020%#			
26) 1,2-Dichloroethane-d4	4.992	65	170	490.520	ug/L	0.05
Spiked Amount 50.000	Range 70 - 125		Recovery = 981.040%#			
32) Benzene-d6	4.976	84	142	3.010	ug/L	0.02
Spiked Amount 50.000	Range 70 - 125		Recovery = 6.020%#			
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	7.281	98	1064	25.025	ug/L	0.04
Spiked Amount 50.000	Range 80 - 120		Recovery = 50.060%#			
43) trans-1,3-Dichloroprop...	7.612	79	64	9.400	ug/L	0.06
Spiked Amount 50.000	Range 60 - 125		Recovery = 18.800%#			
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount 100.000	Range 45 - 130		Recovery = 0.000%#			
56) 1,1,2,2-Tetrachloroeth...	10.162	84	793	38.229	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery = 76.460%			
66) 1,2-Dichlorobenzene-d4	11.570	152	3518	51.999	ug/L	0.01
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.000%			
Target Compounds						Qvalue
3) Chloromethane	1.214	50	2876	8761.459	ug/L	99
5) Vinyl chloride	1.535	62	66	190.595	ug/L #	1
6) Bromomethane	1.487	94	642	3165.555	ug/L	97
8) Chloroethane	1.545	64	186	1216.734	ug/L #	64
12) 1,1-Dichloroethene	2.024	96	47	180.794	ug/L #	1
13) Acetone	2.121	43	667	3097.235	ug/L #	1
14) Carbon disulfide	2.230	76	260	360.057	ug/L #	1
15) Methyl Acetate	2.355	43	47	143.909	ug/L #	49
16) Methylene chloride	2.442	84	323	982.398	ug/L #	67
18) Methyl tert-butyl Ether	2.706	73	300	318.696	ug/L #	70
22) 2-Butanone	3.899	43	44	184.685	ug/L #	47
25) Chloroform	4.297	83	561	938.101	ug/L	97
31) Carbon tetrachloride	4.741	117	66	3.699	ug/L	97
33) Benzene	5.066	78	64	1.332	ug/L	100
51) Chlorobenzene	8.841	112	614	17.300	ug/L #	72
61) 1,2,3-Trichloropropane	11.136	75	539	7.447	ug/L #	55
64) 1,3-Dichlorobenzene	11.136	146	2139	18.612	ug/L	96
65) 1,4-Dichlorobenzene	11.217	146	462	3.833	ug/L	87
67) 1,2-Dichlorobenzene	11.590	146	1298	11.147	ug/L	93

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
69)	1,3,5-Trichlorobenzene	13.204	180	1828	22.449	ug/L		96
70)	1,2,4-trichlorobenzene	13.204	180	1828	28.279	ug/L	#	97
71)	Naphthalene	13.455	128	489	3.468	ug/L	#	80
72)	1,2,3-Trichlorobenzene	13.689	180	994	15.781	ug/L	#	55

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

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