Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
Data File : VX040671.D
Acq On : 15 Mar 2024 22:30
Operator : JC/MD
Sample : P1754-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
YCL09

Quant Time: Mar 16 05:53:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM030724WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 05:02:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	149556	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	139526	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	62078	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	45701	34.860	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 69.720%			
7) Chloroethane-d5	1.666	69	44135	42.168	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.340%			
11) 1,1-Dichloroethene-d2	2.307	65	21659	35.889	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.780%			
21) 2-Butanone-d5	4.452	46	98101	97.514	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.510%			
24) Chloroform-d	5.056	84	111960	45.987	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.980%			
26) 1,2-Dichloroethane-d4	5.952	65	84354	46.408	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.820%			
32) Benzene-d6	5.971	84	190673	44.543	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.080%			
36) 1,2-Dichloropropane-d6	7.306	67	62691	47.254	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.500%			
41) Toluene-d8	8.647	98	167041	40.492	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.980%			
43) trans-1,3-Dichloroprop...	8.946	79	30183	42.746	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.500%			
47) 2-Hexanone-d5	9.385	63	70658	96.524	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.520%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	88047	44.326	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.660%			
66) 1,2-Dichlorobenzene-d4	12.317	152	67849	52.184	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.360%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	23021	18.338	ug/L	99
12) 1,1-Dichloroethene	2.319	96	135119	148.220	ug/L #	82
13) Acetone	2.380	43	67211	93.556	ug/L	99
19) 1,1-Dichloroethane	3.611	63	13885	7.636	ug/L	94
20) cis-1,2-Dichloroethene	4.495	96	13069	12.454	ug/L	93
22) 2-Butanone	4.562	43	4190	4.405	ug/L #	72
30) 1,1,1-Trichloroethane	5.385	97	18529	10.663	ug/L	98
33) Benzene	6.044	78	4399	1.174	ug/L	100
34) Trichloroethene	7.129	95	9269	8.377	ug/L	97

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

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