Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
Data File : VX040680.D
Acq On : 16 Mar 2024 01:56
Operator : JC/MD
Sample : P1754-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Mar 16 05:56:10 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

Instrument :
MSVOA_X
ClientSampleId :
YCL27

Manual Integrations APPROVED

Reviewed By :John Carlone 03/18/2024
Supervised By :Semsettin Yesilyurt 03/19/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	151590	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	143572	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	70480	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	41675	31.363	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 62.720%			
7) Chloroethane-d5	1.666	69	40867	38.522	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 77.040%			
11) 1,1-Dichloroethene-d2	2.306	65	19497	31.873	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.740%			
21) 2-Butanone-d5	4.452	46	99266	97.348	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.350%			
24) Chloroform-d	5.056	84	107172	43.430	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.860%			
26) 1,2-Dichloroethane-d4	5.958	65	81333	44.145	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.300%			
32) Benzene-d6	5.970	84	178505	40.525	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.060%			
36) 1,2-Dichloropropane-d6	7.305	67	60192	44.092	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.180%			
41) Toluene-d8	8.647	98	154322	36.355	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 72.700%#			
43) trans-1,3-Dichloroprop...	8.951	79	28329	38.990	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.980%			
47) 2-Hexanone-d5	9.384	63	69792	92.654	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.650%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	95589	46.767	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.540%			
66) 1,2-Dichlorobenzene-d4	12.317	152	64387	43.618	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.240%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	91081	71.579	ug/L	96
12) 1,1-Dichloroethene	2.319	96	37250	40.313	ug/L	99
13) Acetone	2.380	43	35307	48.487	ug/L	98
19) 1,1-Dichloroethane	3.611	63	26420	14.334	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	50080	47.082	ug/L	93
22) 2-Butanone	4.568	43	3309	3.432	ug/L	86
27) 1,2-Dichloroethane	6.098	62	6591m	3.606	ug/L	
30) 1,1,1-Trichloroethane	5.385	97	14943	8.357	ug/L	96
34) Trichloroethene	7.129	95	8167	7.173	ug/L	99

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

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