Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
Data File : VX040649.D
Acq On : 15 Mar 2024 13:21
Operator : JC/MD
Sample : P1753-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
YCKZ8

Quant Time: Mar 16 02:52:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM030724WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 01:57:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	151636	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	143752	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	68332	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	51227	38.539	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.080%			
7) Chloroethane-d5	1.666	69	45836	43.193	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.380%			
11) 1,1-Dichloroethene-d2	2.306	65	24158	39.481	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.960%			
21) 2-Butanone-d5	4.452	46	95258	93.390	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.390%			
24) Chloroform-d	5.056	84	115003	46.589	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.180%			
26) 1,2-Dichloroethane-d4	5.952	65	83428	45.269	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.540%			
32) Benzene-d6	5.976	84	195452	44.317	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.640%			
36) 1,2-Dichloropropane-d6	7.305	67	63246	46.271	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.540%			
41) Toluene-d8	8.647	98	174258	41.000	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.000%			
43) trans-1,3-Dichloroprop...	8.945	79	31760	43.657	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.320%			
47) 2-Hexanone-d5	9.384	63	69779	92.521	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.520%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	97674	47.728	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.460%			
66) 1,2-Dichlorobenzene-d4	12.317	152	69785	48.760	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.520%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	104267	81.916	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	7786	7.411	ug/L #	74
12) 1,1-Dichloroethene	2.319	96	969505	1048.917	ug/L #	72
13) Acetone	2.380	43	84779	116.392	ug/L	98
19) 1,1-Dichloroethane	3.611	63	119334	64.725	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	19290	18.130	ug/L	93
27) 1,2-Dichloroethane	6.092	62	8590	4.698	ug/L #	87
30) 1,1,1-Trichloroethane	5.385	97	68963	38.518	ug/L	100
33) Benzene	6.037	78	33160	8.587	ug/L	100
34) Trichloroethene	7.129	95	14997	13.155	ug/L	88

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

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