Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031554.D
Acq On : 16 Jun 2023 01:24
Operator : SY/MD
Sample : 03254-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYX5

Quant Time: Jun 16 06:19:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 16 05:51:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	235289	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	229337	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	110352	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	57073	36.447	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.900%		
7) Chloroethane-d5	1.539	69	54982	40.241	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.480%		
11) 1,1-Dichloroethene-d2	2.066	65	30059	37.246	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.500%		
21) 2-Butanone-d5	3.799	46	101625	80.148	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.150%		
24) Chloroform-d	4.259	84	159873	40.766	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.540%		
26) 1,2-Dichloroethane-d4	4.950	65	107744	43.911	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.820%		
32) Benzene-d6	4.969	84	276851	42.887	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.780%		
36) 1,2-Dichloropropane-d6	5.995	67	101439	44.336	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.680%		
41) Toluene-d8	7.249	98	236554	39.933	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.860%#		
43) trans-1,3-Dichloroprop...	7.558	79	44347	39.760	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.520%		
47) 2-Hexanone-d5	8.030	63	73669	81.549	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.550%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	143590	41.578	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.160%		
66) 1,2-Dichlorobenzene-d4	11.567	152	103283	49.101	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.200%		
Target Compounds						Qvalue
5) Vinyl chloride	1.288	62	2198	0.942	ug/L #	19
8) Chloroethane	1.552	64	1480	0.982	ug/L #	77
12) 1,1-Dichloroethene	2.076	96	13977	8.028	ug/L #	1
17) trans-1,2-Dichloroethene	2.706	96	1783	0.981	ug/L	92
19) 1,1-Dichloroethane	3.121	63	143847	36.675	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	26296	13.390	ug/L	93
27) 1,2-Dichloroethane	5.056	62	8944	2.842	ug/L	98
30) 1,1,1-Trichloroethane	4.519	97	93936	25.547	ug/L	98
34) Trichloroethene	5.841	95	17987	8.816	ug/L	98
46) Tetrachloroethene	7.911	164	23653	14.771	ug/L	97

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

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