Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049028.D
Acq On : 11 Jun 2022 04:02
Operator : SY/MD
Sample : N3249-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYT4

Quant Time: Jun 11 07:56:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 11 04:33:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	233285	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	226320	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	101418	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	71948	50.063	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.120%			
7) Chloroethane-d5	1.903	69	56191	53.251	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.500%			
11) 1,1-Dichloroethene-d2	2.562	63	104384	38.492	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.980%			
21) 2-Butanone-d5	4.620	46	162771	103.302	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.300%			
24) Chloroform-d	5.064	84	170386	55.576	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.160%			
26) 1,2-Dichloroethane-d4	5.700	65	115654	58.228	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.460%			
32) Benzene-d6	5.726	84	309375	55.127	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.260%			
36) 1,2-Dichloropropane-d6	6.690	67	109146	57.853	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 115.700%			
41) Toluene-d8	7.896	98	262157	52.968	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.940%			
43) trans-1,3-Dichloroprop...	8.179	79	40578	45.719	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.440%			
47) 2-Hexanone-d5	8.633	63	93462	94.655	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.650%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	169544	53.806	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 107.620%			
66) 1,2-Dichlorobenzene-d4	12.192	152	106740	60.489	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 120.980%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	6830	3.320	ug/L #	75
8) Chloroethane	1.925	64	2366	2.059	ug/L	96
13) Acetone	2.623	43	2772	2.236	ug/L	93
19) 1,1-Dichloroethane	3.867	63	96655	28.364	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	8195	4.258	ug/L	87
30) 1,1,1-Trichloroethane	5.314	97	450909	142.864	ug/L	99
34) Trichloroethene	6.543	95	14214	7.691	ug/L	95
46) Tetrachloroethene	8.559	164	3381	2.360	ug/L	90
62) 1,3,5-Trimethylbenzene	11.086	105	7756	1.319	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	12655	2.703	ug/L	88

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

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