Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
Data File : VU056234.D
Acq On : 11 Nov 2023 22:56
Operator : MD/SY
Sample : 05371-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDN9

Quant Time: Nov 11 23:18:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 11 22:15:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	369536	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	367208	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	170082	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	86359	3.765	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.200%			
7) Chloroethane-d5	1.911	69	75279	4.836	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.800%			
11) 1,1-Dichloroethene-d2	2.563	65	41039	4.061	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.200%			
20) 2-Butanone-d5	4.624	46	279111	74.173	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 148.340%#			
24) Chloroform-d	5.055	84	219618	5.030	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.600%			
26) 1,2-Dichloroethane-d4	5.695	65	105183	5.471	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.400%			
32) Benzene-d6	5.724	84	420958	4.773	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.400%			
36) 1,2-Dichloropropane-d6	6.685	67	136947	5.275	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.600%			
41) Toluene-d8	7.894	98	353879	4.379	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.600%			
43) trans-1,3-Dichloroprop...	8.177	79	47097	4.746	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.000%			
46) 2-Hexanone-d5	8.631	63	230742	70.941	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 141.880%#			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	106934	5.771	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 115.400%			
66) 1,2-Dichlorobenzene-d4	12.190	152	141597	5.399	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.000%			
Target Compounds						Qvalue
3) Chloromethane	1.518	50	9211	0.314	ug/L	93
5) Vinyl chloride	1.602	62	4907	0.162	ug/L #	33
8) Chloroethane	1.933	64	4767	0.289	ug/L	84
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	7787	0.304	ug/L	90
13) Acetone	2.637	43	209213	75.388	ug/L	100
19) 1,1-Dichloroethane	3.869	63	5223	0.114	ug/L #	79
21) 2-Butanone	4.714	43	59773	13.060	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	13103	0.482	ug/L	91
33) Benzene	5.769	78	18519	0.176	ug/L	100
34) Trichloroethene	6.537	95	423733	14.754	ug/L	97
47) Tetrachloroethene	8.550	164	80802	3.749	ug/L	98

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

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