Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100124\
Data File : VU061050.D
Acq On : 01 Oct 2024 17:50
Operator : MD/SY
Sample : P4227-05 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-8S(20240926)

Quant Time: Oct 02 02:37:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 02 02:09:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	190190	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	177087	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	86791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	55878	4.109	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.200%			
7) Chloroethane-d5	1.907	69	41931	4.120	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.400%			
11) 1,1-Dichloroethene-d2	2.554	65	25562	4.261	ug/L	-0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.200%			
20) 2-Butanone-d5	4.634	46	152428	46.798	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.600%			
24) Chloroform-d	5.052	84	102477	4.276	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.600%			
26) 1,2-Dichloroethane-d4	5.692	65	57639	4.538	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.800%			
32) Benzene-d6	5.718	84	210264	4.503	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.000%			
36) 1,2-Dichloropropane-d6	6.682	67	69034	4.502	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.000%			
41) Toluene-d8	7.891	98	191083	4.378	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.600%			
43) trans-1,3-Dichloroprop...	8.174	79	28535	4.352	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.000%			
46) 2-Hexanone-d5	8.637	63	127824	47.101	ug/L	0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.200%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51843	4.610	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	62357	4.493	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	6188	0.460	ug/L	84
16) Methylene chloride	3.036	84	2416	0.192	ug/L	92
18) trans-1,2-Dichloroethene	3.348	96	4117	0.342	ug/L	74
19) 1,1-Dichloroethane	3.859	63	20491	0.875	ug/L #	93
22) cis-1,2-Dichloroethene	4.653	96	92654	6.910	ug/L	94
33) Benzene	5.766	78	7879	0.151	ug/L	100
51) Chlorobenzene	9.441	112	43211	1.276	ug/L	95
64) 1,3-Dichlorobenzene	11.740	146	47497	1.909	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	265752	10.805	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	4220	0.184	ug/L #	86
70) 1,2,4-trichlorobenzene	13.839	180	16209	1.207	ug/L	96

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

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