Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
Data File : VU060955.D
Acq On : 20 Sep 2024 20:29
Operator : MD/SY
Sample : P4092-09DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B36DL

Quant Time: Sep 21 01:44:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 21 01:39:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	131794	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	136790	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	61016	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49870	4.207	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.200%			
7) Chloroethane-d5	1.911	69	37890	4.489	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.800%			
11) 1,1-Dichloroethene-d2	2.560	65	18637	4.436	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.800%			
20) 2-Butanone-d5	4.631	46	81354	42.750	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.500%			
24) Chloroform-d	5.055	84	77776	4.292	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.800%			
26) 1,2-Dichloroethane-d4	5.695	65	40192	4.640	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.800%			
32) Benzene-d6	5.721	84	151267	4.126	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.600%			
36) 1,2-Dichloropropane-d6	6.682	67	52118	4.594	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.800%			
41) Toluene-d8	7.891	98	124318	3.719	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.400%			
43) trans-1,3-Dichloroprop...	8.177	79	17920	4.389	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.800%			
46) 2-Hexanone-d5	8.627	63	66155	41.072	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.140%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	36330	4.088	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	44007	4.292	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	7377	0.649	ug/L	97
12) 1,1-Dichloroethene	2.576	96	1862	0.225	ug/L #	1
16) Methylene chloride	3.039	84	10325	1.075	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	23170	2.437	ug/L	93
34) Trichloroethene	6.534	95	111644	11.323	ug/L	96
47) Tetrachloroethene	8.550	164	11987	1.530	ug/L	98
52) Ethylbenzene	9.566	91	10405	0.251	ug/L	90
53) m,p-Xylene	9.685	106	14759	0.940	ug/L	99
54) o-Xylene	10.100	106	9477	0.612	ug/L	91
62) 1,3,5-Trimethylbenzene	11.084	105	5703	0.203	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	14126	0.509	ug/L	96

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

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