Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
Data File : VU060941.D
Acq On : 20 Sep 2024 14:27
Operator : MD/SY
Sample : P3987-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH8Q2

Quant Time: Sep 21 01:41:01 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	6.245	114	121049	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	128444	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	53542	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	50276	4.618	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.400%			
7) Chloroethane-d5	1.911	69	38886	5.016	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.400%			
11) 1,1-Dichloroethene-d2	2.563	65	18021	4.670	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.400%			
20) 2-Butanone-d5	4.637	46	69665	39.857	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 79.720%			
24) Chloroform-d	5.055	84	78498	4.716	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.400%			
26) 1,2-Dichloroethane-d4	5.695	65	38451	4.833	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.600%			
32) Benzene-d6	5.721	84	149895	4.354	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.000%			
36) 1,2-Dichloropropane-d6	6.682	67	50255	4.718	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.400%			
41) Toluene-d8	7.891	98	128340	4.089	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.800%			
43) trans-1,3-Dichloroprop...	8.174	79	17055	4.448	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.000%			
46) 2-Hexanone-d5	8.631	63	60886	40.257	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.520%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	38179	4.575	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.600%			
66) 1,2-Dichlorobenzene-d4	12.187	152	43366	4.820	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	7636	0.731	ug/L #	80
8) Chloroethane	1.930	64	6041	0.947	ug/L #	75
12) 1,1-Dichloroethene	2.576	96	18985	2.493	ug/L #	78
17) Methyl tert-butyl Ether	3.358	73	16634	0.967	ug/L	98
19) 1,1-Dichloroethane	3.862	63	61911	3.908	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	12568	1.439	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	8232	0.594	ug/L	97
34) Trichloroethene	6.534	95	137190	14.818	ug/L	98
42) Toluene	7.968	91	15196	0.412	ug/L	95
47) Tetrachloroethene	8.550	164	5318	0.723	ug/L	98

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

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