Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
Data File : VU060916.D
Acq On : 20 Sep 2024 01:00
Operator : MD/SY
Sample : P3987-04DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH8P4DL

Quant Time: Sep 20 01:38:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 01:34:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	142335	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	146151	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	66098	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36448	2.847	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 57.000%			
7) Chloroethane-d5	1.911	69	33338	3.658	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 73.200%			
11) 1,1-Dichloroethene-d2	2.554	65	15847	3.492	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.800%			
20) 2-Butanone-d5	4.634	46	98475	47.915	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.820%			
24) Chloroform-d	5.052	84	86440	4.417	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.400%			
26) 1,2-Dichloroethane-d4	5.692	65	43304	4.629	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.600%			
32) Benzene-d6	5.718	84	155481	3.969	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.400%			
36) 1,2-Dichloropropane-d6	6.682	67	52396	4.323	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.400%			
41) Toluene-d8	7.891	98	131517	3.683	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.600%			
43) trans-1,3-Dichloroprop...	8.177	79	17631	4.041	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.800%			
46) 2-Hexanone-d5	8.637	63	86131	50.049	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.100%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	45918	4.836	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	52962	4.769	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.400%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.567	96	65024	7.263	ug/L	81
16) Methylene chloride	3.036	84	7734	0.746	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	1360	0.147	ug/L	98
19) 1,1-Dichloroethane	3.856	63	192399	10.329	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	80707	7.860	ug/L	97
34) Trichloroethene	6.531	95	223798	21.244	ug/L	95
42) Toluene	7.965	91	30282	0.721	ug/L	93
52) Ethylbenzene	9.566	91	7103	0.161	ug/L	89
53) m,p-Xylene	9.689	106	10429	0.622	ug/L	85
54) o-Xylene	10.097	106	2815	0.170	ug/L	92
63) 1,2,4-Trimethylbenzene	11.467	105	3721	0.124	ug/L	89

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

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