Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
Data File : VU061110.D
Acq On : 11 Oct 2024 11:46
Operator : MD/SY
Sample : P4380-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E27G9

Quant Time: Oct 14 04:18:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 11 06:46:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	160923	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	150138	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77771	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	45339	3.941	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.800%			
7) Chloroethane-d5	1.907	69	38707	4.495	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.800%			
11) 1,1-Dichloroethene-d2	2.557	65	20450	4.029	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.600%			
20) 2-Butanone-d5	4.640	46	106866	38.777	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 77.560%			
24) Chloroform-d	5.052	84	94942	4.682	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.600%			
26) 1,2-Dichloroethane-d4	5.695	65	49710	4.625	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.600%			
32) Benzene-d6	5.718	84	184258	4.654	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.000%			
36) 1,2-Dichloropropane-d6	6.682	67	63414	4.878	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.600%			
41) Toluene-d8	7.891	98	170062	4.596	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.000%			
43) trans-1,3-Dichloroprop...	8.174	79	22905	4.121	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.400%			
46) 2-Hexanone-d5	8.627	63	99497	43.244	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.480%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	45892	4.813	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.200%			
66) 1,2-Dichlorobenzene-d4	12.184	152	61815	4.971	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.400%			
Target Compounds						Qvalue
14) Carbon disulfide	2.782	76	14696	0.465	ug/L	100
22) cis-1,2-Dichloroethene	4.656	96	12962	1.143	ug/L	89
30) Cyclohexane	5.370	56	2338	0.121	ug/L	87
33) Benzene	5.766	78	109668	2.478	ug/L	100
35) Methylcyclohexane	6.753	83	3733	0.193	ug/L	90
42) Toluene	7.962	91	281563	5.971	ug/L	99
47) Tetrachloroethene	8.544	164	5257	0.673	ug/L	97
52) Ethylbenzene	9.563	91	66241	1.240	ug/L	98
53) m,p-Xylene	9.685	106	93608	4.803	ug/L	89
54) o-Xylene	10.094	106	67129	3.501	ug/L	93
60) Isopropylbenzene	10.476	105	13892	0.267	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	88326	1.927	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	178743	3.863	ug/L	96
72) 1,2,3-Trichlorobenzene	14.322	180	1675	0.167	ug/L #	46

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

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