Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059703.D
Acq On : 01 Jul 2024 22:53
Operator : MD/SY
Sample : P3121-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

Quant Time: Jul 02 03:55:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 29 01:51:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	213766	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	210525	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	112526	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40455	2.722	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 54.400%			
7) Chloroethane-d5	1.907	69	45260	3.165	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 63.200%#			
11) 1,1-Dichloroethene-d2	2.560	65	19786	3.208	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.200%			
20) 2-Butanone-d5	4.627	46	179258	58.546	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.100%			
24) Chloroform-d	5.055	84	115271	3.778	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 75.600%			
26) 1,2-Dichloroethane-d4	5.695	65	60667	4.128	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.600%			
32) Benzene-d6	5.721	84	227683	3.930	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.600%			
36) 1,2-Dichloropropane-d6	6.682	67	74114	4.174	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.400%			
41) Toluene-d8	7.891	98	202461	3.759	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.200%			
43) trans-1,3-Dichloroprop...	8.174	79	24333	4.377	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.600%			
46) 2-Hexanone-d5	8.627	63	150870	65.313	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 130.620%#			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	69429	4.733	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.600%			
66) 1,2-Dichlorobenzene-d4	12.187	152	90566	4.522	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.400%			
Target Compounds						Qvalue
14) Carbon disulfide	2.788	76	14123	0.279	ug/L	100
15) Methyl Acetate	2.955	43	8174	1.560	ug/L	92
22) cis-1,2-Dichloroethene	4.656	96	165449	9.520	ug/L	95
30) Cyclohexane	5.380	56	63695	2.968	ug/L #	95
35) Methylcyclohexane	6.756	83	13270	0.539	ug/L	97
42) Toluene	7.965	91	42933	0.634	ug/L	99
52) Ethylbenzene	9.566	91	156625	2.256	ug/L	95
53) m,p-Xylene	9.688	106	188150	7.056	ug/L	98
54) o-Xylene	10.093	106	35228	1.392	ug/L	94
60) Isopropylbenzene	10.479	105	15266	0.220	ug/L #	68
62) 1,3,5-Trimethylbenzene	11.081	105	49584	0.900	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	457257	8.685	ug/L	97

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

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