Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059877.D
Acq On : 08 Jul 2024 12:44
Operator : MD/SY
Sample : P3137-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7

Quant Time: Jul 09 05:20:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 09 02:28:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	167262	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	174343	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	95904	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53196	4.574	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.400%			
7) Chloroethane-d5	1.908	69	39268	3.509	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 70.200%			
11) 1,1-Dichloroethene-d2	2.560	65	16438	3.407	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.200%			
20) 2-Butanone-d5	4.618	46	127056	53.034	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.060%			
24) Chloroform-d	5.055	84	91218	3.821	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.400%			
26) 1,2-Dichloroethane-d4	5.695	65	48630	4.229	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.600%			
32) Benzene-d6	5.721	84	179283	3.736	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 74.800%			
36) 1,2-Dichloropropane-d6	6.682	67	61194	4.162	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.200%			
41) Toluene-d8	7.891	98	169098	3.791	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.800%			
43) trans-1,3-Dichloroprop...	8.174	79	23400	5.083	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.600%			
46) 2-Hexanone-d5	8.624	63	134951	70.546	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 141.100%#			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	61171	5.035	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	75671	4.433	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	1368847	81.236	ug/L	99
13) Acetone	2.628	43	41987	27.017	ug/L	90
18) trans-1,2-Dichloroethene	3.345	96	59271	4.804	ug/L	87
19) 1,1-Dichloroethane	3.859	63	1481661	65.127	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	673230	49.508	ug/L	94
33) Benzene	5.769	78	91241	1.723	ug/L	100
34) Trichloroethene	6.534	95	208647	14.552	ug/L	97
35) Methylcyclohexane	6.756	83	2504	0.123	ug/L	86
42) Toluene	7.965	91	57292	1.022	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	5222	0.517	ug/L	95
52) Ethylbenzene	9.566	91	71961	1.252	ug/L	96
53) m,p-Xylene	9.689	106	11030	0.499	ug/L	81
54) o-Xylene	10.097	106	8758	0.418	ug/L	89
63) 1,2,4-Trimethylbenzene	11.463	105	9770	0.218	ug/L	93

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

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