Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059719.D
Acq On : 02 Jul 2024 05:15
Operator : MD/SY
Sample : P3084-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Jul 02 07:23:02 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

Instrument :
MSVOA_U
ClientSampleId :
E1G74

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/05/2024
Supervised By :Semsettin Yesilyurt 07/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	208678	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	201626	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	98780	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32335	2.228	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 44.600%			
7) Chloroethane-d5	1.907	69	39341	2.818	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 56.400%#			
11) 1,1-Dichloroethene-d2	2.560	65	17271	2.869	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.400%#			
20) 2-Butanone-d5	4.618	46	149379	49.977	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.960%			
24) Chloroform-d	5.055	84	108955	3.658	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 73.200%			
26) 1,2-Dichloroethane-d4	5.695	65	55954	3.900	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.000%			
32) Benzene-d6	5.721	84	212323	3.826	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.600%			
36) 1,2-Dichloropropane-d6	6.682	67	69986	4.116	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.400%			
41) Toluene-d8	7.891	98	186712	3.619	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 72.400%			
43) trans-1,3-Dichloroprop...	8.177	79	20040	3.764	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.200%			
46) 2-Hexanone-d5	8.627	63	122462	55.355	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.700%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	62068	4.418	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	81403	4.630	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	5223	0.248	ug/L #	82
13) Acetone	2.634	43	17338m	8.942	ug/L	
22) cis-1,2-Dichloroethene	4.657	96	56496	3.330	ug/L	93
25) Chloroform	5.078	83	11354	0.380	ug/L	98
34) Trichloroethene	6.537	95	17563	1.059	ug/L	96
42) Toluene	7.965	91	23407	0.361	ug/L	97
47) Tetrachloroethene	8.547	164	17060	1.326	ug/L	89
53) m,p-Xylene	9.695	106	4766	0.187	ug/L	85
63) 1,2,4-Trimethylbenzene	11.467	105	3976	0.086	ug/L	93

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

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