Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059922.D
Acq On : 12 Jul 2024 15:25
Operator : MD/SY
Sample : P3217-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 13 03:57:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 13 03:52:33 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
YDZC7

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2024
Supervised By :Semsettin Yesilyurt 07/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	194301	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	195780	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	112243	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	138927	10.283	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 205.600%#			
7) Chloroethane-d5	1.908	69	43260	3.328	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 66.600%			
11) 1,1-Dichloroethene-d2	2.563	65	20946	3.737	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.800%			
20) 2-Butanone-d5	4.634	46	148574	53.386	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.780%			
24) Chloroform-d	5.055	84	94941	3.424	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 68.400%#			
26) 1,2-Dichloroethane-d4	5.695	65	49531	3.708	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.200%			
32) Benzene-d6	5.721	84	200649	3.724	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 74.400%			
36) 1,2-Dichloropropane-d6	6.682	67	62700	3.798	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 76.000%			
41) Toluene-d8	7.894	98	191595	3.825	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.400%			
43) trans-1,3-Dichloroprop...	8.174	79	23807	4.605	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.000%			
46) 2-Hexanone-d5	8.624	63	124516	57.964	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 115.920%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	57751	4.233	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.600%			
66) 1,2-Dichlorobenzene-d4	12.187	152	83657	4.188	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 83.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.596	62	10897870	556.749	ug/L	99
8) Chloroethane	1.930	64	5909	0.501	ug/L	89
13) Acetone	2.637	43	736533	407.982	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	107476	7.499	ug/L	91
19) 1,1-Dichloroethane	3.862	63	33378	1.263	ug/L	97
22) cis-1,2-Dichloroethene	4.650	96	21851585m	1383.294	ug/L	
33) Benzene	5.766	78	631065	10.614	ug/L	100
34) Trichloroethene	6.541	95	12611	0.783	ug/L	96
35) Methylcyclohexane	6.756	83	12515	0.546	ug/L	95
40) 4-Methyl-2-pentanone	7.792	43	12180	1.708	ug/L #	86
42) Toluene	7.955	91	21301674m	338.420	ug/L	
47) Tetrachloroethene	8.547	164	5870	0.470	ug/L	88
51) Chlorobenzene	9.438	112	3269916	81.909	ug/L	95
52) Ethylbenzene	9.563	91	3146309	48.728	ug/L	95
53) m,p-Xylene	9.685	106	4987986	201.140	ug/L	97
54) o-Xylene	10.094	106	2637072	112.049	ug/L	97
60) Isopropylbenzene	10.476	105	358545	5.171	ug/L #	84
62) 1,3,5-Trimethylbenzene	11.081	105	1837154	33.445	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	6928018	131.921	ug/L	97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
64)	1,3-Dichlorobenzene	11.740	146	29555	0.838	ug/L		99
65)	1,4-Dichlorobenzene	11.830	146	230606	6.353	ug/L		99
67)	1,2-Dichlorobenzene	12.206	146	3328720	100.302	ug/L		97
70)	1,2,4-trichlorobenzene	13.833	180	115438	5.765	ug/L	#	93
72)	1,2,3-Trichlorobenzene	14.322	180	48522	2.610	ug/L	#	83

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

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