Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101024\
Data File : VU061097.D
Acq On : 10 Oct 2024 18:24
Operator : MD/SY
Sample : P4380-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 11 06:51:27 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

Instrument :
MSVOA_U
ClientSampleId :
E27H2

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	172369	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	159860	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77794	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	38331	3.110	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 62.200%			
7) Chloroethane-d5	1.908	69	33661	3.649	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 73.000%			
11) 1,1-Dichloroethene-d2	2.557	65	18208	3.349	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.000%			
20) 2-Butanone-d5	4.644	46	109555	37.113	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 74.220%			
24) Chloroform-d	5.052	84	83296	3.835	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.800%			
26) 1,2-Dichloroethane-d4	5.695	65	46176	4.011	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.200%			
32) Benzene-d6	5.718	84	168112	3.988	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.800%			
36) 1,2-Dichloropropane-d6	6.682	67	56973	4.116	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.400%			
41) Toluene-d8	7.891	98	151019	3.833	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.600%			
43) trans-1,3-Dichloroprop...	8.174	79	22243	3.758	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.200%			
46) 2-Hexanone-d5	8.628	63	99436	40.589	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.180%			
56) 1,1,2,2-Tetrachloroeth...	10.747	84	43066	4.242	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.800%			
66) 1,2-Dichlorobenzene-d4	12.184	152	54333	4.368	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.400%			
Target Compounds						Qvalue
13) Acetone	2.673	43	16765	8.831	ug/L	99
33) Benzene	5.766	78	15660	0.332	ug/L	100
42) Toluene	7.965	91	19677	0.392	ug/L	99
53) m,p-Xylene	9.689	106	9540	0.460	ug/L	91
54) o-Xylene	10.094	106	7135	0.349	ug/L	97
60) Isopropylbenzene	10.477	105	13475	0.259	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	25118	0.548	ug/L	97
63) 1,2,4-Trimethylbenzene	11.464	105	12403m	0.268	ug/L	

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

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