Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033283.D
Acq On : 13 Dec 2023 17:58
Operator : SY/MD
Sample : 05731-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 13 23:34:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 23:30:39 2023
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
E0Y55

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	135981	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.808	117	131300	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.191	152	63390	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	36900	4.233	ug/L	0.04
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.600%			
7) Chloroethane-d5	1.580	69	30038	4.633	ug/L	0.05
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.600%			
11) 1,1-Dichloroethene-d2	2.105	65	16799	4.842	ug/L	0.05
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.800%			
20) 2-Butanone-d5	3.966	46	40037m	38.811	ug/L	0.14
Spiked Amount 50.000	Range 40 - 130		Recovery = 77.620%			
24) Chloroform-d	4.307	84	77985	4.289	ug/L	0.06
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.800%			
26) 1,2-Dichloroethane-d4	4.982	65	42896	5.429	ug/L	0.04
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.600%			
32) Benzene-d6	4.985	84	166212	4.894	ug/L	0.03
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.800%			
36) 1,2-Dichloropropane-d6	6.024	67	34736	4.493	ug/L	0.04
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.800%			
41) Toluene-d8	7.291	98	142621	4.309	ug/L	0.05
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.200%			
43) trans-1,3-Dichloroprop...	7.596	79	14866	4.215	ug/L	0.04
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.400%			
46) 2-Hexanone-d5	8.072	63	38403	39.003	ug/L	0.05
Spiked Amount 50.000	Range 45 - 130		Recovery = 78.000%			
56) 1,1,2,2-Tetrachloroeth...	10.165	84	21062	4.028	ug/L	0.01
Spiked Amount 5.000	Range 65 - 120		Recovery = 80.600%			
66) 1,2-Dichlorobenzene-d4	11.567	152	53417	4.784	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.600%			
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	3.876	96	7460	0.766	ug/L #	80
33) Benzene	5.034	78	4827	0.137	ug/L	100
34) Trichloroethene	5.847	95	15349	1.496	ug/L	96
42) Toluene	7.368	91	13869	0.344	ug/L	99
47) Tetrachloroethene	7.944	164	3681	0.379	ug/L	95
52) Ethylbenzene	8.969	91	2839	0.063	ug/L	89
53) m,p-Xylene	9.095	106	1430	0.077	ug/L	80

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

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