Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033284.D
Acq On : 13 Dec 2023 18:22
Operator : SY/MD
Sample : 05731-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 13 23:34:46 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 :
E0Y56

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	5.532	114	120789	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	120516	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	61983	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	40422	5.220	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.400%			
7) Chloroethane-d5	1.532	69	30723	5.335	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.600%			
11) 1,1-Dichloroethene-d2	2.056	65	16365	5.310	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.200%			
20) 2-Butanone-d5	3.860	46	49048m	53.526	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.060%			
24) Chloroform-d	4.246	84	87438	5.414	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.200%			
26) 1,2-Dichloroethane-d4	4.944	65	40974	5.838	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.800%			
32) Benzene-d6	4.960	84	163273	5.237	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.800%			
36) 1,2-Dichloropropane-d6	5.989	67	39496	5.566	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 111.400%			
41) Toluene-d8	7.243	98	152302	5.013	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.200%			
43) trans-1,3-Dichloroprop...	7.554	79	16386	5.062	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.200%			
46) 2-Hexanone-d5	8.034	63	50440	55.813	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.620%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	27130	5.653	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 113.000%			
66) 1,2-Dichlorobenzene-d4	11.561	152	62781	5.751	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 115.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	1948	0.223	ug/L #	48
22) cis-1,2-Dichloroethene	3.821	96	7333	0.848	ug/L	94
33) Benzene	5.014	78	9454	0.293	ug/L	100
34) Trichloroethene	5.834	95	14806	1.573	ug/L	96
35) Methylcyclohexane	6.050	83	4222	0.303	ug/L #	83
42) Toluene	7.320	91	28148	0.761	ug/L	100
47) Tetrachloroethene	7.911	164	3112	0.349	ug/L	94
52) Ethylbenzene	8.953	91	6752	0.163	ug/L	96
53) m,p-Xylene	9.072	106	4415	0.259	ug/L	90
54) o-Xylene	9.480	106	1909	0.118	ug/L	91
63) 1,2,4-Trimethylbenzene	10.853	105	3960	0.119	ug/L	93

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

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