Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033291.D
Acq On : 13 Dec 2023 21:09
Operator : SY/MD
Sample : 05731-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y63

Quant Time: Dec 13 23:36:48 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	121521	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	124074	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	61045	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	38291	4.915	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.400%			
7) Chloroethane-d5	1.532	69	30721	5.302	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.000%			
11) 1,1-Dichloroethene-d2	2.060	65	15480	4.993	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.800%			
20) 2-Butanone-d5	3.802	46	43759	47.466	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.940%			
24) Chloroform-d	4.246	84	87598	5.391	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.800%			
26) 1,2-Dichloroethane-d4	4.944	65	39582	5.606	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.200%			
32) Benzene-d6	4.960	84	162990	5.078	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.600%			
36) 1,2-Dichloropropane-d6	5.989	67	38631	5.288	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.800%			
41) Toluene-d8	7.243	98	153079	4.895	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.800%			
43) trans-1,3-Dichloroprop...	7.558	79	16688	5.007	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.200%			
46) 2-Hexanone-d5	8.027	63	52625	56.560	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.120%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	26006	5.263	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.200%			
66) 1,2-Dichlorobenzene-d4	11.561	152	61524	5.722	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 114.400%			
Target Compounds						Qvalue
13) Acetone	2.137	43	2636	4.040	ug/L	93
22) cis-1,2-Dichloroethene	3.825	96	1258	0.145	ug/L #	60
25) Chloroform	4.278	83	8170	0.524	ug/L	99
33) Benzene	5.018	78	6884	0.207	ug/L	100
34) Trichloroethene	5.834	95	24052	2.481	ug/L	97
35) Methylcyclohexane	6.050	83	4113	0.286	ug/L #	72
38) Bromodichloromethane	6.445	83	1452	0.135	ug/L #	93
42) Toluene	7.323	91	29607	0.777	ug/L	96
47) Tetrachloroethene	7.908	164	1951	0.213	ug/L	83
52) Ethylbenzene	8.953	91	7897	0.185	ug/L	95
53) m,p-Xylene	9.079	106	3305	0.188	ug/L	82
54) o-Xylene	9.490	106	1281	0.077	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	3423	0.105	ug/L	99

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

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