Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033290.D
Acq On : 13 Dec 2023 20:45
Operator : SY/MD
Sample : 05731-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y62

Quant Time: Dec 13 23:36:30 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	123886	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	124789	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	64380	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40197	5.061	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.200%			
7) Chloroethane-d5	1.532	69	30350	5.138	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.800%			
11) 1,1-Dichloroethene-d2	2.060	65	15653	4.952	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.000%			
20) 2-Butanone-d5	3.802	46	51377	54.666	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.340%			
24) Chloroform-d	4.249	84	87198	5.264	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.200%			
26) 1,2-Dichloroethane-d4	4.944	65	42751	5.939	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 118.800%			
32) Benzene-d6	4.960	84	167986	5.204	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.000%			
36) 1,2-Dichloropropane-d6	5.989	67	39121	5.324	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.400%			
41) Toluene-d8	7.246	98	157441	5.005	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.200%			
43) trans-1,3-Dichloroprop...	7.558	79	17043	5.085	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.600%			
46) 2-Hexanone-d5	8.027	63	53002	56.639	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.280%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	28250	5.685	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 113.600%			
66) 1,2-Dichlorobenzene-d4	11.561	152	64071	5.650	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.000%			
Target Compounds						Qvalue
25) Chloroform	4.285	83	10548	0.664	ug/L	97
30) Cyclohexane	4.577	56	3937	0.357	ug/L	84
33) Benzene	5.014	78	13672	0.409	ug/L	100
34) Trichloroethene	5.838	95	11597	1.190	ug/L	96
35) Methylcyclohexane	6.047	83	5128	0.355	ug/L	96
38) Bromodichloromethane	6.452	83	1402	0.130	ug/L #	87
42) Toluene	7.320	91	49011	1.280	ug/L	97
47) Tetrachloroethene	7.911	164	2475	0.268	ug/L	85
52) Ethylbenzene	8.950	91	10932	0.255	ug/L	94
53) m,p-Xylene	9.079	106	5447	0.308	ug/L	94
54) o-Xylene	9.487	106	2772	0.166	ug/L	85
63) 1,2,4-Trimethylbenzene	10.853	105	4012	0.116	ug/L	95

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

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