Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033281.D
Acq On : 13 Dec 2023 17:10
Operator : SY/MD
Sample : 05731-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y53

Manual Integrations APPROVED

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

Quant Time: Dec 13 23:33:45 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	5.567	114	158428	5.000	ug/L	0.04
28) Chlorobenzene-d5	8.818	117	120106	5.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.197	152	66659	5.000	ug/L	0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	36273	3.571	ug/L	0.04
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.400%			
7) Chloroethane-d5	1.590	69	27836	3.685	ug/L	0.06
Spiked Amount 5.000	Range 65 - 130		Recovery = 73.800%			
11) 1,1-Dichloroethene-d2	2.134	65	15034	3.719	ug/L	0.08
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.400%			
20) 2-Butanone-d5	4.011	46	34089m	28.363	ug/L	0.18
Spiked Amount 50.000	Range 40 - 130		Recovery = 56.720%			
24) Chloroform-d	4.359	84	73743	3.481	ug/L	0.11
Spiked Amount 5.000	Range 70 - 125		Recovery = 69.600%#			
26) 1,2-Dichloroethane-d4	5.018	65	42122	4.576	ug/L	0.07
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.600%			
32) Benzene-d6	5.021	84	164781	5.304	ug/L	0.06
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.000%			
36) 1,2-Dichloropropane-d6	6.056	67	33081	4.678	ug/L	0.07
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.600%			
41) Toluene-d8	7.313	98	127246	4.203	ug/L	0.07
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.000%			
43) trans-1,3-Dichloroprop...	7.616	79	12276	3.805	ug/L	0.06
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.200%			
46) 2-Hexanone-d5	8.088	63	39599m	43.966	ug/L	0.06
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.940%			
56) 1,1,2,2-Tetrachloroeth...	10.172	84	20378	4.261	ug/L	0.02
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.200%			
66) 1,2-Dichlorobenzene-d4	11.570	152	55535	4.730	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.320	62	10295	0.900	ug/L	94
18) trans-1,2-Dichloroethene	2.786	96	1516	0.138	ug/L	80
22) cis-1,2-Dichloroethene	3.928	96	35670	3.144	ug/L	93
33) Benzene	5.066	78	32702	1.016	ug/L	100
42) Toluene	7.387	91	17350	0.471	ug/L	94
51) Chlorobenzene	8.850	112	68796	2.725	ug/L	99
65) 1,4-Dichlorobenzene	11.220	146	3774	0.169	ug/L	95
67) 1,2-Dichlorobenzene	11.583	146	1373	0.071	ug/L #	62

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

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