Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
Data File : VV038182.D
Acq On : 19 Nov 2024 17:19
Operator : SY/MD
Sample : P4882-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3H1

Quant Time: Nov 20 00:36:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 19 22:47:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	235441	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	254311	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	111231	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	89548	4.962	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.200%			
7) Chloroethane-d5	1.529	69	84895	5.816	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 116.400%			
11) 1,1-Dichloroethene-d2	2.056	65	40197	5.176	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 103.600%			
20) 2-Butanone-d5	3.780	46	218471	60.517	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.040%			
24) Chloroform-d	4.243	84	201882	5.764	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 115.200%			
26) 1,2-Dichloroethane-d4	4.937	65	98354	6.259	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 125.200%			
32) Benzene-d6	4.953	84	366626	5.578	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.600%			
36) 1,2-Dichloropropane-d6	5.982	67	118688	5.868	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 117.400%			
41) Toluene-d8	7.239	98	303796	4.995	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.000%			
43) trans-1,3-Dichloroprop...	7.558	79	38511	5.121	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.400%			
46) 2-Hexanone-d5	8.017	63	199524	68.260	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 136.520%#			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	102586	5.975	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 119.400%			
66) 1,2-Dichlorobenzene-d4	11.554	152	123627	6.523	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 130.400%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	5327	0.239	ug/L	92
3) Chloromethane	1.217	50	5853	0.305	ug/L	94
9) Trichlorofluoromethane	1.712	101	9416	0.304	ug/L	94
16) Methylene chloride	2.442	84	13018	0.679	ug/L	96
17) Methyl tert-butyl Ether	2.703	73	23815	0.626	ug/L	98
19) 1,1-Dichloroethane	3.111	63	4013	0.125	ug/L	92
25) Chloroform	4.272	83	22378	0.650	ug/L	98
29) 1,1,1-Trichloroethane	4.510	97	20271	0.665	ug/L	99
34) Trichloroethene	5.834	95	30856	1.585	ug/L	98
47) Tetrachloroethene	7.902	164	26915	1.720	ug/L	97
51) Chlorobenzene	8.815	112	7498	0.144	ug/L #	80

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

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