Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
Data File : VV038220.D
Acq On : 20 Nov 2024 17:10
Operator : SY/MD
Sample : P4883-07
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3K4

Quant Time: Nov 21 01:51:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 21 01:41:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	245321	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	264534	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	117647	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	76167	4.051	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.000%			
7) Chloroethane-d5	1.529	69	72045	4.737	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.800%			
11) 1,1-Dichloroethene-d2	2.053	65	35548	4.393	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.800%			
20) 2-Butanone-d5	3.796	46	197286	52.448	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.900%			
24) Chloroform-d	4.243	84	176437	4.835	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.600%			
26) 1,2-Dichloroethane-d4	4.937	65	86373	5.275	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.400%			
32) Benzene-d6	4.953	84	309037	4.520	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.400%			
36) 1,2-Dichloropropane-d6	5.982	67	106436	5.059	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.200%			
41) Toluene-d8	7.240	98	253534	4.008	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.200%			
43) trans-1,3-Dichloroprop...	7.558	79	35960	4.597	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.000%			
46) 2-Hexanone-d5	8.021	63	175556	57.739	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 115.480%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	88417	4.951	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.000%			
66) 1,2-Dichlorobenzene-d4	11.554	152	106137	5.295	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.800%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	10333	0.562	ug/L	99
16) Methylene chloride	2.442	84	24943	1.248	ug/L	94
22) cis-1,2-Dichloroethene	3.809	96	15998	0.838	ug/L	95
29) 1,1,1-Trichloroethane	4.507	97	63239	1.993	ug/L	99
34) Trichloroethene	5.822	95	394993	19.500	ug/L	98
42) Toluene	7.320	91	33088	0.420	ug/L	99
47) Tetrachloroethene	7.899	164	131093	8.054	ug/L	98
51) Chlorobenzene	8.815	112	17628	0.325	ug/L	96
52) Ethylbenzene	8.953	91	11589	0.139	ug/L	99
53) m,p-Xylene	9.079	106	7768	0.247	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	2669	0.151	ug/L #	89
67) 1,2-Dichlorobenzene	11.571	146	8122	0.241	ug/L	91

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

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