Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
Data File : VV038222.D
Acq On : 20 Nov 2024 17:58
Operator : SY/MD
Sample : P4883-09
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3K6

Quant Time: Nov 21 01:52:37 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	249780	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	270880	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	114586	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	75911	3.965	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.400%			
7) Chloroethane-d5	1.529	69	71532	4.619	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.400%			
11) 1,1-Dichloroethene-d2	2.053	65	34873	4.233	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.600%			
20) 2-Butanone-d5	3.793	46	191906	50.107	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.220%			
24) Chloroform-d	4.239	84	172476	4.642	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.800%			
26) 1,2-Dichloroethane-d4	4.937	65	85898	5.152	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.000%			
32) Benzene-d6	4.953	84	304559	4.350	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.000%			
36) 1,2-Dichloropropane-d6	5.982	67	102494	4.758	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.200%			
41) Toluene-d8	7.239	98	247808	3.825	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.600%			
43) trans-1,3-Dichloroprop...	7.558	79	33025	4.123	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.400%			
46) 2-Hexanone-d5	8.021	63	172671	55.460	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.920%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	88257	4.826	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.600%			
66) 1,2-Dichlorobenzene-d4	11.554	152	105221	5.390	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.800%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	8300	0.443	ug/L	96
16) Methylene chloride	2.442	84	24766	1.217	ug/L	98
22) cis-1,2-Dichloroethene	3.812	96	4030	0.207	ug/L	93
29) 1,1,1-Trichloroethane	4.506	97	57460	1.769	ug/L	99
34) Trichloroethene	5.828	95	113783	5.486	ug/L	96
42) Toluene	7.323	91	31051	0.385	ug/L	95
47) Tetrachloroethene	7.898	164	107043	6.422	ug/L	98
51) Chlorobenzene	8.815	112	17903	0.322	ug/L	96
52) Ethylbenzene	8.953	91	11298	0.132	ug/L	96
53) m,p-Xylene	9.075	106	7354	0.228	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.172	83	2761	0.153	ug/L #	88
67) 1,2-Dichlorobenzene	11.574	146	7852	0.239	ug/L	91

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

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