Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
Data File : VV038315.D
Acq On : 23 Nov 2024 22:02
Operator : SY/MD
Sample : P4884-11
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3N5

Quant Time: Nov 23 23:03:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 23 02:01:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	224498	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	259607	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	109414	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	58346	3.391	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 67.800%			
7) Chloroethane-d5	1.529	69	61986	4.453	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.000%			
11) 1,1-Dichloroethene-d2	2.053	65	27054	3.654	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.000%			
20) 2-Butanone-d5	3.789	46	177727	51.631	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.260%			
24) Chloroform-d	4.240	84	156096	4.674	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.400%			
26) 1,2-Dichloroethane-d4	4.937	65	80395	5.365	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.400%			
32) Benzene-d6	4.950	84	261486	3.897	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.000%			
36) 1,2-Dichloropropane-d6	5.982	67	92064	4.459	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.200%			
41) Toluene-d8	7.239	98	198173	3.192	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 63.800%#			
43) trans-1,3-Dichloroprop...	7.558	79	30323	3.950	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.000%			
46) 2-Hexanone-d5	8.021	63	151277	50.698	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.400%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	82615	4.714	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.200%			
66) 1,2-Dichlorobenzene-d4	11.554	152	91873	4.928	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.600%			
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	22681	1.240	ug/L	86
17) Methyl tert-butyl Ether	2.703	73	9721	0.268	ug/L #	85
22) cis-1,2-Dichloroethene	3.809	96	20093	1.150	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	26316	0.845	ug/L	96
34) Trichloroethene	5.825	95	189874	9.552	ug/L	99
42) Toluene	7.326	91	17805	0.231	ug/L	94
47) Tetrachloroethene	7.895	164	207388	12.983	ug/L	100
51) Chlorobenzene	8.815	112	17322	0.326	ug/L	96
53) m,p-Xylene	9.085	106	2817	0.091	ug/L	96

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

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