Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
Data File : VV037367.D
Acq On : 19 Sep 2024 06:40
Operator : SY/MD
Sample : P3986-11
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH8N1

Quant Time: Sep 19 07:03:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 02:54:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	276167	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	287463	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	129931	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	94633	5.841	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 116.800%			
7) Chloroethane-d5	1.529	69	84914	5.027	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.600%			
11) 1,1-Dichloroethene-d2	2.056	65	39002	4.661	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.200%			
20) 2-Butanone-d5	3.802	46	254100	52.478	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.960%			
24) Chloroform-d	4.243	84	196027	4.983	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.600%			
26) 1,2-Dichloroethane-d4	4.937	65	97844	5.312	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.200%			
32) Benzene-d6	4.953	84	373146	4.841	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.800%			
36) 1,2-Dichloropropane-d6	5.985	67	124247	5.184	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.600%			
41) Toluene-d8	7.239	98	304452	4.384	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.600%			
43) trans-1,3-Dichloroprop...	7.558	79	35472	4.499	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.000%			
46) 2-Hexanone-d5	8.024	63	211484	54.902	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.800%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	103159	5.281	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.600%			
66) 1,2-Dichlorobenzene-d4	11.557	152	120103	5.199	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	13749	0.511	ug/L #	25
12) 1,1-Dichloroethene	2.066	96	5770	0.298	ug/L #	1
17) Methyl tert-butyl Ether	2.703	73	24976	0.543	ug/L	95
19) 1,1-Dichloroethane	3.111	63	40606	1.044	ug/L	98
22) cis-1,2-Dichloroethene	3.812	96	30236	1.374	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	5189	0.152	ug/L #	92
34) Trichloroethene	5.831	95	105406	4.516	ug/L	96
47) Tetrachloroethene	7.905	164	3831	0.229	ug/L	96
53) m,p-Xylene	9.078	106	6187	0.167	ug/L	87
54) o-Xylene	9.487	106	2973	0.081	ug/L	93

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

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