Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011224\
Data File : VV033615.D
Acq On : 12 Jan 2024 23:28
Operator : SY/MD
Sample : P1121-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH8L0

Quant Time: Jan 13 00:59:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jan 13 00:29:44 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	39880	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	37768	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	20368	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	14127	6.478	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 129.600%			
7) Chloroethane-d5	1.532	69	10962	5.668	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 113.400%			
11) 1,1-Dichloroethene-d2	2.063	65	5795	5.897	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 118.000%			
20) 2-Butanone-d5	3.789	46	78627	147.465	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 294.940%#			
24) Chloroform-d	4.252	84	23610	5.006	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.200%			
26) 1,2-Dichloroethane-d4	4.950	65	16212	7.667	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 153.400%#			
32) Benzene-d6	4.966	84	44994	4.937	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.800%			
36) 1,2-Dichloropropane-d6	5.995	67	16398	5.397	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.000%			
41) Toluene-d8	7.249	98	39853	4.899	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.000%			
43) trans-1,3-Dichloroprop...	7.567	79	5875	5.593	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 111.800%			
46) 2-Hexanone-d5	8.024	63	55217	133.895	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 267.800%#			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	18416	10.374	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 207.400%#			
66) 1,2-Dichlorobenzene-d4	11.564	152	17767	5.681	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	117540	28.333	ug/L #	1
12) 1,1-Dichloroethene	2.072	96	92962	33.069	ug/L #	82
13) Acetone	2.111	43	67795	156.626	ug/L	95
14) Carbon disulfide	2.246	76	7214	0.694	ug/L	99
15) Methyl Acetate	2.375	43	38221	36.944	ug/L	100
16) Methylene chloride	2.449	84	1582	0.477	ug/L	89
17) Methyl tert-butyl Ether	2.706	73	1493	0.235	ug/L #	84
18) trans-1,2-Dichloroethene	2.703	96	499	0.157	ug/L	95
19) 1,1-Dichloroethane	3.114	63	123749	19.613	ug/L	98
21) 2-Butanone	3.870	43	86526	144.011	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	146678	44.112	ug/L	94
34) Trichloroethene	5.834	95	69953	19.597	ug/L	97

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

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