Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011524\
Data File : VV033632.D
Acq On : 15 Jan 2024 11:05
Operator : SY/MD
Sample : P1108-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AY4

Quant Time: Jan 16 03:43:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 16 03:40:53 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	125267	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	116999	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	60319	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	30416	4.440	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.800%			
7) Chloroethane-d5	1.535	69	28989	4.772	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.400%			
11) 1,1-Dichloroethene-d2	2.059	65	14997	4.858	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.200%			
20) 2-Butanone-d5	3.802	46	78449	46.841	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.680%			
24) Chloroform-d	4.252	84	71383	4.819	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.400%			
26) 1,2-Dichloroethane-d4	4.947	65	33401	5.029	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.600%			
32) Benzene-d6	4.963	84	137442	4.869	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.400%			
36) 1,2-Dichloropropane-d6	5.992	67	45014	4.783	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.600%			
41) Toluene-d8	7.246	98	122165	4.847	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.000%			
43) trans-1,3-Dichloroprop...	7.561	79	14597	4.486	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.800%			
46) 2-Hexanone-d5	8.027	63	62496	48.920	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.840%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	27269	4.958	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.200%			
66) 1,2-Dichlorobenzene-d4	11.561	152	45781	4.943	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	5054	0.388	ug/L #	72
19) 1,1-Dichloroethane	3.117	63	6365	0.321	ug/L	98
22) cis-1,2-Dichloroethene	3.818	96	32157	3.079	ug/L	99
27) 1,2-Dichloroethane	5.059	62	3160	0.305	ug/L #	73
30) Cyclohexane	4.587	56	12912	0.649	ug/L	96
33) Benzene	5.018	78	17559	0.423	ug/L	100
34) Trichloroethene	5.847	95	4466	0.404	ug/L	91
35) Methylcyclohexane	6.046	83	3553	0.190	ug/L #	29
51) Chlorobenzene	8.812	112	314800	11.697	ug/L	99
60) Isopropylbenzene	9.869	105	10191	0.214	ug/L #	84
64) 1,3-Dichlorobenzene	11.120	146	24266	1.150	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	41467	2.006	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	6916	0.377	ug/L	96

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

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