Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011724\
Data File : VV033709.D
Acq On : 17 Jan 2024 11:00
Operator : SY/MD
Sample : P1062-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGWK0

Quant Time: Jan 18 00:21:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 18 00:02:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	110346	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	101106	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	52476	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.285	65	20141	3.338	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	66.800%		
7) Chloroethane-d5	1.539	69	20356	3.804	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	76.000%		
11) 1,1-Dichloroethene-d2	2.063	65	10211	3.755	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	75.200%		
20) 2-Butanone-d5	3.809	46	65538	44.423	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery =	88.840%		
24) Chloroform-d	4.252	84	55934	4.287	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	85.800%		
26) 1,2-Dichloroethane-d4	4.950	65	27377	4.679	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	93.600%		
32) Benzene-d6	4.963	84	100715	4.128	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	82.600%		
36) 1,2-Dichloropropane-d6	5.992	67	33515	4.121	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	82.400%		
41) Toluene-d8	7.246	98	90375	4.150	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	83.000%		
43) trans-1,3-Dichloroprop...	7.561	79	12123	4.311	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	86.200%		
46) 2-Hexanone-d5	8.027	63	49172	44.541	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	89.080%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	22583	4.752	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	95.000%		
66) 1,2-Dichlorobenzene-d4	11.561	152	36853	4.574	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	91.400%		
Target Compounds						Qvalue
5) Vinyl chloride	1.288	62	6689	0.583	ug/L #	80
12) 1,1-Dichloroethene	2.076	96	119391	15.349	ug/L #	85
17) Methyl tert-butyl Ether	2.706	73	7095	0.403	ug/L	96
19) 1,1-Dichloroethane	3.114	63	180402	10.333	ug/L	98
22) cis-1,2-Dichloroethene	3.825	96	3794	0.412	ug/L	97
25) Chloroform	4.284	83	7882	0.492	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	15691	1.095	ug/L	99
33) Benzene	5.018	78	7414	0.207	ug/L	100
34) Trichloroethene	5.834	95	149280	15.622	ug/L	98
42) Toluene	7.329	91	3978	0.105	ug/L	99
45) 1,1,2-Trichloroethane	7.783	97	951	0.192	ug/L	86
47) Tetrachloroethene	7.911	164	2315	0.337	ug/L	97

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

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