Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041023\
Data File : VV030481.D
Acq On : 10 Apr 2023 20:38
Operator : SY/MD
Sample : 02250-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHDY4

Quant Time: Apr 11 06:33:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 11 06:24:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	115403	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	112930	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	54917	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	25929	3.392	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 67.800%			
7) Chloroethane-d5	1.539	69	30793	4.152	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.000%			
11) 1,1-Dichloroethene-d2	2.066	63	61594	3.396	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.000%			
20) 2-Butanone-d5	3.815	46	95620	48.402	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.800%			
24) Chloroform-d	4.262	84	82642	4.467	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.400%			
26) 1,2-Dichloroethane-d4	4.957	65	41440	4.748	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.000%			
32) Benzene-d6	4.973	84	145800	4.582	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.600%			
36) 1,2-Dichloropropane-d6	5.998	67	48463	4.864	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.200%			
41) Toluene-d8	7.252	98	120716	4.131	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.600%			
43) trans-1,3-Dichloroprop...	7.564	79	14681	3.914	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.200%			
46) 2-Hexanone-d5	8.034	63	73228	48.582	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.160%			
56) 1,1,2,2-Tetrachloroeth...	10.162	84	34096	4.342	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.800%			
66) 1,2-Dichlorobenzene-d4	11.571	152	49554	5.049	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.000%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.719	101	20869	1.061	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	2843	0.262	ug/L	90
12) 1,1-Dichloroethene	2.076	96	22641	2.348	ug/L	83
17) Methyl tert-butyl Ether	2.712	73	26030	1.275	ug/L #	85
19) 1,1-Dichloroethane	3.124	63	31410	1.595	ug/L	99
22) cis-1,2-Dichloroethene	3.825	96	252034	24.722	ug/L	98
25) Chloroform	4.288	83	9942	0.500	ug/L	98
27) 1,2-Dichloroethane	5.060	62	11839	0.984	ug/L	97
29) 1,1,1-Trichloroethane	4.526	97	12446	0.686	ug/L	95
33) Benzene	5.021	78	121937	3.040	ug/L	100
34) Trichloroethene	5.841	95	550741	50.911	ug/L	99
45) 1,1,2-Trichloroethane	7.786	97	821	0.113	ug/L #	89
47) Tetrachloroethene	7.915	164	882557	92.441	ug/L	96
50) 1,2-Dibromoethane	8.294	107	991	0.150	ug/L #	93

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

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