Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041323\
Data File : VV030554.D
Acq On : 13 Apr 2023 18:49
Operator : SY/MD
Sample : 02254-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 14 05:23:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 14 05:16:37 2023
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
C0AB6

Manual Integrations APPROVED

Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	127921	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	122284	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	56936	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	48330	5.704	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 114.000%			
7) Chloroethane-d5	1.535	69	37664	4.581	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.600%			
11) 1,1-Dichloroethene-d2	2.072	63	750205	37.316	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 746.400%#			
20) 2-Butanone-d5	3.815	46	92823	42.388	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.780%			
24) Chloroform-d	4.262	84	83090	4.052	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.000%			
26) 1,2-Dichloroethane-d4	4.953	65	44115	4.560	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.200%			
32) Benzene-d6	4.973	84	154739	4.491	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.800%			
36) 1,2-Dichloropropane-d6	6.001	67	46735	4.332	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.600%			
41) Toluene-d8	7.252	98	124073	3.921	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.400%			
43) trans-1,3-Dichloroprop...	7.564	79	16930	4.168	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.400%			
46) 2-Hexanone-d5	8.034	63	64495	39.515	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.020%			
56) 1,1,2,2-Tetrachloroeth...	10.162	84	34619	4.072	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.400%			
66) 1,2-Dichlorobenzene-d4	11.570	152	46755	4.595	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	5642	0.377	ug/L #	71
12) 1,1-Dichloroethene	2.072	96	1144966	107.122	ug/L #	74
13) Acetone	2.137	43	7159	3.419	ug/L	71
19) 1,1-Dichloroethane	3.121	63	806021	36.924	ug/L	99
25) Chloroform	4.294	83	10475	0.475	ug/L	98
27) 1,2-Dichloroethane	5.066	62	3415	0.256	ug/L	97
29) 1,1,1-Trichloroethane	4.522	97	32127160m	1634.593	ug/L	
34) Trichloroethene	5.844	95	35084	2.995	ug/L	99
47) Tetrachloroethene	7.918	164	2993	0.290	ug/L	93

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

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