Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031723\
Data File : VV030241.D
Acq On : 17 Mar 2023 17:28
Operator : SY/MD
Sample : 01996-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 17 23:00:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 17 22:49:08 2023
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
H0A29

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/22/2023
Supervised By :Mahesh Dadoda 03/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	133111	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	120614	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	58888	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	32144	3.732	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.600%			
7) Chloroethane-d5	1.539	69	30405	3.761	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.200%			
11) 1,1-Dichloroethene-d2	2.072	63	202426	11.432	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 228.600%#			
20) 2-Butanone-d5	3.812	46	81399	51.260	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.520%			
24) Chloroform-d	4.262	84	77428	4.401	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.000%			
26) 1,2-Dichloroethane-d4	4.956	65	37472	5.217	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.400%			
32) Benzene-d6	4.973	84	129086	3.977	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.600%			
36) 1,2-Dichloropropane-d6	5.998	67	41461	4.246	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.000%			
41) Toluene-d8	7.252	98	112051	3.642	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 72.800%			
43) trans-1,3-Dichloroprop...	7.561	79	14149	4.236	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.800%			
46) 2-Hexanone-d5	8.034	63	67167	48.602	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.200%			
56) 1,1,2,2-Tetrachloroeth...	10.162	84	28143	4.052	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.000%			
66) 1,2-Dichlorobenzene-d4	11.570	152	41152	4.130	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 82.600%			
Target Compounds						Qvalue
3) Chloromethane	1.217	50	35834	2.100	ug/L	99
6) Bromomethane	1.494	94	1670	0.820	ug/L	98
12) 1,1-Dichloroethene	2.076	96	262478	29.383	ug/L #	74
16) Methylene chloride	2.458	84	2870	0.263	ug/L	89
19) 1,1-Dichloroethane	3.124	63	47876	3.024	ug/L	98
22) cis-1,2-Dichloroethene	3.828	96	63737	6.786	ug/L	90
25) Chloroform	4.288	83	171113	10.391	ug/L	97
27) 1,2-Dichloroethane	5.059	62	2555m	0.297	ug/L	
29) 1,1,1-Trichloroethane	4.522	97	125207	8.837	ug/L	96
33) Benzene	5.021	78	8841	0.268	ug/L	100
34) Trichloroethene	5.841	95	895202	96.987	ug/L	95
45) 1,1,2-Trichloroethane	7.783	97	2130m	0.355	ug/L	
47) Tetrachloroethene	7.924	164	7173425	905.405	ug/L	93
64) 1,3-Dichlorobenzene	11.127	146	6626	0.376	ug/L	97
65) 1,4-Dichlorobenzene	11.220	146	10783	0.606	ug/L	95
67) 1,2-Dichlorobenzene	11.590	146	15786	1.013	ug/L	99

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