Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
Data File : VU053686.D
Acq On : 13 Apr 2023 16:52
Operator : JC/MD
Sample : 02215-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 14 02:31:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 14 02:17:15 2023
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	133041	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	128933	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	66019	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	52625	5.750	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 115.000%			
7) Chloroethane-d5	1.906	69	39558	4.762	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.200%			
11) 1,1-Dichloroethene-d2	2.559	65	18346	4.706	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.200%			
20) 2-Butanone-d5	4.620	46	79645	37.986	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 75.980%			
24) Chloroform-d	5.057	84	75472	4.448	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.000%			
26) 1,2-Dichloroethane-d4	5.697	65	38659	4.446	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.000%			
32) Benzene-d6	5.723	84	155792	4.264	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.200%			
36) 1,2-Dichloropropane-d6	6.687	67	47019	4.223	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.400%			
41) Toluene-d8	7.893	98	146537	4.251	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.000%			
43) trans-1,3-Dichloroprop...	8.176	79	18211	4.262	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.200%			
46) 2-Hexanone-d5	8.629	63	70369	40.547	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.100%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34881	3.764	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 75.200%			
66) 1,2-Dichlorobenzene-d4	12.189	152	52676	4.435	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	1812	0.190	ug/L	91
3) Chloromethane	1.517	50	2806	0.292	ug/L	97
5) Vinyl chloride	1.601	62	3075	0.284	ug/L #	51
6) Bromomethane	1.851	94	1640	0.239	ug/L	78
8) Chloroethane	1.929	64	1575	0.250	ug/L	98
9) Trichlorofluoromethane	2.131	101	3909	0.239	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	2495	0.301	ug/L #	81
12) 1,1-Dichloroethene	2.572	96	2100	0.279	ug/L #	1
14) Carbon disulfide	2.787	76	5277	0.239	ug/L #	87
15) Methyl Acetate	2.948	43	671m	0.230	ug/L	
16) Methylene chloride	3.041	84	3133	0.317	ug/L	87
17) Methyl tert-butyl Ether	3.366	73	4503	0.247	ug/L	99
18) trans-1,2-Dichloroethene	3.343	96	1955	0.250	ug/L	72
19) 1,1-Dichloroethane	3.867	63	2935	0.204	ug/L #	89
21) 2-Butanone	4.716	43	3721m	1.926	ug/L	
22) cis-1,2-Dichloroethene	4.668	96	2124	0.201	ug/L	78
23) Bromochloromethane	4.970	128	901	0.241	ug/L #	89
27) 1,2-Dichloroethane	5.790	62	2417	0.260	ug/L #	77
29) 1,1,1-Trichloroethane	5.314	97	2714	0.213	ug/L #	52

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
Data File : VU053686.D
Acq On : 13 Apr 2023 16:52
Operator : JC/MD
Sample : 02215-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023

Quant Time: Apr 14 02:31:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 14 02:17:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
30) Cyclohexane	5.385	56	2709	0.200	ug/L		100
31) Carbon tetrachloride	5.520	117	2447	0.227	ug/L		92
33) Benzene	5.774	78	9373	0.271	ug/L		100
37) 1,2-Dichloropropane	6.787	63	1869	0.205	ug/L	#	97
38) Bromodichloromethane	7.102	83	2173	0.214	ug/L	#	91
39) cis-1,3-Dichloropropene	7.604	75	2513	0.186	ug/L		93
40) 4-Methyl-2-pentanone	7.790	43	8526	1.910	ug/L	#	87
42) Toluene	7.967	91	10330	0.274	ug/L		87
44) trans-1,3-Dichloropropene	8.211	75	2533	0.231	ug/L		84
45) 1,1,2-Trichloroethane	8.401	97	1436	0.222	ug/L		92
47) Tetrachloroethene	8.549	164	1644	0.243	ug/L		96
48) 2-Hexanone	8.687	43	9298m	2.817	ug/L		
49) Dibromochloromethane	8.806	129	1498	0.234	ug/L		95
50) 1,2-Dibromoethane	8.922	107	1266	0.202	ug/L	#	80
51) Chlorobenzene	9.443	112	6905	0.290	ug/L		91
52) Ethylbenzene	9.568	91	8656	0.210	ug/L		99
53) m,p-Xylene	9.694	106	3175	0.202	ug/L		74
54) o-Xylene	10.099	106	2799	0.188	ug/L		77
55) Styrene	10.115	104	4840	0.198	ug/L		95
57) 1,1,2,2-Tetrachloroethane	10.780	83	1846	0.226	ug/L	#	90
59) Bromoform	10.285	173	691	0.203	ug/L	#	80
60) Isopropylbenzene	10.481	105	7828	0.195	ug/L		98
61) 1,2,3-Trichloropropane	10.819	75	962	0.176	ug/L		95
62) 1,3,5-Trimethylbenzene	11.089	105	5965	0.183	ug/L		94
63) 1,2,4-Trimethylbenzene	11.468	105	6492	0.195	ug/L		98
64) 1,3-Dichlorobenzene	11.742	146	4700	0.267	ug/L		91
65) 1,4-Dichlorobenzene	11.835	146	5924	0.335	ug/L		94
67) 1,2-Dichlorobenzene	12.211	146	4541	0.272	ug/L	#	81
69) 1,3,5-Trichlorobenzene	13.221	180	3085	0.251	ug/L		98
70) 1,2,4-trichlorobenzene	13.838	180	3311	0.338	ug/L		96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
Data File : VU053686.D
Acq On : 13 Apr 2023 16:52
Operator : JC/MD
Sample : 02215-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 14 02:31:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 14 02:17:15 2023
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023