Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041624\
Data File : VU058727.D
Acq On : 16 Apr 2024 19:36
Operator : MD/SY
Sample : P2143-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 17 01:15:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 17 01:09:43 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0AM8

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	75158	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	76541	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40857	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	13884	2.790	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 55.800%			
7) Chloroethane-d5	1.905	69	16553	3.828	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.600%			
11) 1,1-Dichloroethene-d2	2.557	65	6856	3.044	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.800%			
20) 2-Butanone-d5	4.615	46	69521	66.297	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 132.600%#			
24) Chloroform-d	5.062	84	89388	8.999	ug/L	0.01
Spiked Amount 5.000	Range 70 - 125		Recovery = 180.000%#			
26) 1,2-Dichloroethane-d4	5.692	65	22789	4.916	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.400%			
32) Benzene-d6	5.721	84	77300	3.751	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 75.000%			
36) 1,2-Dichloropropane-d6	6.702	67	29055	4.496	ug/L	0.02
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.000%			
41) Toluene-d8	7.895	98	62132	3.400	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 68.000%#			
43) trans-1,3-Dichloroprop...	8.174	79	9099	4.536	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.800%			
46) 2-Hexanone-d5	8.628	63	51480	62.220	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 124.440%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	22446	4.920	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	25505	3.706	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 74.200%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.596	62	7454	0.974	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	114619	19.078	ug/L	96
12) 1,1-Dichloroethene	2.570	96	854528	160.432	ug/L #	77
13) Acetone	2.622	43	24283	27.132	ug/L	100
16) Methylene chloride	3.027	84	12809928	1812.112	ug/L	86
18) trans-1,2-Dichloroethene	3.342	96	4405	0.789	ug/L	91
19) 1,1-Dichloroethane	3.856	63	61966	5.086	ug/L	98
22) cis-1,2-Dichloroethene	4.650	96	1012172	161.456	ug/L	95
25) Chloroform	5.075	83	1143880	96.995	ug/L	100
27) 1,2-Dichloroethane	5.789	62	7393	1.029	ug/L	97
29) 1,1,1-Trichloroethane	5.310	97	38468	3.749	ug/L	97
30) Cyclohexane	5.380	56	3761	0.347	ug/L #	89
31) Carbon tetrachloride	5.515	117	68575	7.891	ug/L	99
33) Benzene	5.769	78	35900	1.294	ug/L	100
34) Trichloroethene	6.538	95	49758576m	7114.600	ug/L	
38) Bromodichloromethane	7.100	83	31415	3.770	ug/L	100
40) 4-Methyl-2-pentanone	7.792	43	5448	1.586	ug/L #	88
42) Toluene	7.962	91	356225	12.241	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	17893	4.197	ug/L	96

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47) Tetrachloroethene	8.551	164	1957568	381.810	ug/L		96
49) Dibromochloromethane	8.805	129	8128m	1.649	ug/L		
52) Ethylbenzene	9.563	91	1044955	33.892	ug/L		100
53) m,p-Xylene	9.686	106	1540403	139.526	ug/L		97
54) o-Xylene	10.094	106	1148408	106.101	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.776	83	6109	1.162	ug/L		94
59) Bromoform	10.284	173	2025	0.742	ug/L	#	94
60) Isopropylbenzene	10.477	105	20725m	0.693	ug/L		
62) 1,3,5-Trimethylbenzene	11.081	105	165404	6.781	ug/L		99
63) 1,2,4-Trimethylbenzene	11.460	105	491639	19.740	ug/L		100
65) 1,4-Dichlorobenzene	11.830	146	8672	0.613	ug/L		98
67) 1,2-Dichlorobenzene	12.203	146	114824	8.688	ug/L		99

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

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