Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062824\
Data File : VU059611.D
Acq On : 28 Jun 2024 10:57
Operator : MD/SY
Sample : P3007-21MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Jun 28 23:14:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 28 02:08:17 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
JMRJ0MS

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	149136	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	153662	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	81118	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38173	3.681	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.600%			
7) Chloroethane-d5	1.907	69	42390	4.248	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.000%			
11) 1,1-Dichloroethene-d2	2.560	65	17922	4.166	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.400%			
20) 2-Butanone-d5	4.618	46	106213	49.723	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.440%			
24) Chloroform-d	5.055	84	97845	4.597	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.000%			
26) 1,2-Dichloroethane-d4	5.692	65	46015	4.488	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.800%			
32) Benzene-d6	5.721	84	195739	4.628	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.600%			
36) 1,2-Dichloropropane-d6	6.682	67	60408	4.662	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.200%			
41) Toluene-d8	7.891	98	184722	4.699	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.000%			
43) trans-1,3-Dichloroprop...	8.174	79	18465	4.550	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.000%			
46) 2-Hexanone-d5	8.624	63	89223	52.919	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.840%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	52276	4.882	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.600%			
66) 1,2-Dichlorobenzene-d4	12.187	152	67173	4.653	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	59883	4.739	ug/L	98
3) Chloromethane	1.518	50	68096	5.007	ug/L	99
5) Vinyl chloride	1.602	62	73520	4.893	ug/L	100
6) Bromomethane	1.853	94	35622	3.410	ug/L	96
8) Chloroethane	1.930	64	49471	5.465	ug/L	97
9) Trichlorofluoromethane	2.132	101	92830	5.133	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	56181	4.907	ug/L	94
12) 1,1-Dichloroethene	2.573	96	53227	5.032	ug/L	85
13) Acetone	2.628	43	71560	51.643	ug/L	91
14) Carbon disulfide	2.788	76	170972	4.845	ug/L	100
15) Methyl Acetate	2.952	43	12890m	3.525	ug/L	
16) Methylene chloride	3.036	84	63012	5.027	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	116300	5.102	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	55140	5.013	ug/L	90
19) 1,1-Dichloroethane	3.859	63	103723	5.113	ug/L	98
21) 2-Butanone	4.698	43	117543	52.887	ug/L	92
22) cis-1,2-Dichloroethene	4.656	96	61976	5.111	ug/L	95
23) Bromochloromethane	4.965	128	29856	5.401	ug/L	84
25) Chloroform	5.078	83	109598	5.130	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	65238	5.039	ug/L		99
29) 1,1,1-Trichloroethane	5.309	97	90497	5.100	ug/L		96
30) Cyclohexane	5.380	56	74994	4.787	ug/L		92
31) Carbon tetrachloride	5.518	117	74624	5.023	ug/L		99
33) Benzene	5.766	78	245286	5.257	ug/L		100
34) Trichloroethene	6.534	95	61676	4.881	ug/L		96
35) Methylcyclohexane	6.756	83	82741	4.601	ug/L		93
37) 1,2-Dichloropropane	6.782	63	62944	5.212	ug/L		98
38) Bromodichloromethane	7.097	83	77849	5.165	ug/L		95
39) cis-1,3-Dichloropropene	7.598	75	76703	4.645	ug/L		100
40) 4-Methyl-2-pentanone	7.782	43	288993	51.647	ug/L		96
42) Toluene	7.962	91	264489	5.354	ug/L		99
44) trans-1,3-Dichloropropene	8.203	75	62400	4.708	ug/L		99
45) 1,1,2-Trichloroethane	8.393	97	48164	5.413	ug/L		97
47) Tetrachloroethene	8.547	164	49346	5.032	ug/L		98
48) 2-Hexanone	8.676	43	209302	52.411	ug/L	#	92
49) Dibromochloromethane	8.801	129	51491	5.224	ug/L		100
50) 1,2-Dibromoethane	8.917	107	43831	5.334	ug/L		98
51) Chlorobenzene	9.441	112	162878	5.198	ug/L		95
52) Ethylbenzene	9.563	91	259371	5.118	ug/L		96
53) m,p-Xylene	9.688	106	104302	5.359	ug/L		92
54) o-Xylene	10.094	106	97039	5.253	ug/L		97
55) Styrene	10.110	104	165807	5.273	ug/L		95
57) 1,1,2,2-Tetrachloroethane	10.775	83	58081	5.380	ug/L		98
59) Bromoform	10.283	173	31712	5.108	ug/L	#	98
60) Isopropylbenzene	10.476	105	253798	5.065	ug/L		99
61) 1,2,3-Trichloropropane	10.814	75	37838	5.048	ug/L		96
62) 1,3,5-Trimethylbenzene	11.081	105	191146	4.815	ug/L		97
63) 1,2,4-Trimethylbenzene	11.460	105	191720	5.051	ug/L		98
64) 1,3-Dichlorobenzene	11.740	146	131627	5.165	ug/L		99
65) 1,4-Dichlorobenzene	11.830	146	130541	4.976	ug/L		98
67) 1,2-Dichlorobenzene	12.206	146	121914	5.083	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.991	75	7551	5.164	ug/L	#	73
69) 1,3,5-Trichlorobenzene	13.212	180	90540	4.799	ug/L		98
70) 1,2,4-trichlorobenzene	13.833	180	70862	4.896	ug/L		99
71) Naphthalene	14.081	128	95576	4.614	ug/L		98
72) 1,2,3-Trichlorobenzene	14.322	180	66598	4.956	ug/L		98

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

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