Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012825\
Data File : VU063074.D
Acq On : 28 Jan 2025 18:08
Operator : MD/SY
Sample : Q1195-08MS
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2959MS

Quant Time: Jan 29 09:42:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 29 08:16:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	112644	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	107542	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	66066	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	14481	3.576	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.600%			
7) Chloroethane-d5	1.901	69	13855	4.506	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.200%			
11) 1,1-Dichloroethene-d2	2.554	65	10664	4.404	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.000%			
20) 2-Butanone-d5	4.605	46	80253	68.286	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 136.580%#			
24) Chloroform-d	5.049	84	76872	4.779	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.600%			
26) 1,2-Dichloroethane-d4	5.689	65	44143	4.807	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.200%			
32) Benzene-d6	5.711	84	116959	4.759	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.200%			
36) 1,2-Dichloropropane-d6	6.679	67	33428	5.342	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.800%			
41) Toluene-d8	7.888	98	113548	4.673	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.400%			
43) trans-1,3-Dichloroprop...	8.171	79	17730	4.577	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.600%			
46) 2-Hexanone-d5	8.621	63	62770	64.942	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 129.880%			
56) 1,1,2,2-Tetrachloroeth...	10.743	84	35973	6.054	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 121.000%#			
66) 1,2-Dichlorobenzene-d4	12.184	152	55327	4.678	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	44397	4.400	ug/L	96
3) Chloromethane	1.518	50	21803	4.492	ug/L	97
5) Vinyl chloride	1.599	62	24602	4.540	ug/L	84
6) Bromomethane	1.846	94	8309	3.205	ug/L	88
8) Chloroethane	1.924	64	13884	5.074	ug/L	93
9) Trichlorofluoromethane	2.129	101	64775	4.728	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	35257	5.230	ug/L	91
12) 1,1-Dichloroethene	2.567	96	30493	5.211	ug/L	94
13) Acetone	2.612	43	47626	62.672	ug/L	97
14) Carbon disulfide	2.779	76	82385	5.496	ug/L	98
15) Methyl Acetate	2.936	43	10228	7.008	ug/L	98
16) Methylene chloride	3.030	84	34284	5.558	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	108238	6.175	ug/L	98
18) trans-1,2-Dichloroethene	3.338	96	36194	5.780	ug/L	91
19) 1,1-Dichloroethane	3.853	63	61949	5.707	ug/L	97
21) 2-Butanone	4.686	43	73646	71.056	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	40233	5.376	ug/L	95
23) Bromochloromethane	4.962	128	21858	5.820	ug/L #	85
25) Chloroform	5.075	83	82076	5.234	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.782	62	56848	5.171	ug/L		100
29) 1,1,1-Trichloroethane	5.300	97	82721	4.961	ug/L		97
30) Cyclohexane	5.374	56	43182	5.559	ug/L		86
31) Carbon tetrachloride	5.512	117	77766	4.844	ug/L		99
33) Benzene	5.759	78	139574	5.357	ug/L		100
34) Trichloroethene	6.531	95	42988	4.855	ug/L		96
35) Methylcyclohexane	6.750	83	57971	5.197	ug/L		95
37) 1,2-Dichloropropane	6.776	63	32346	5.520	ug/L		97
38) Bromodichloromethane	7.091	83	62368	5.311	ug/L		97
39) cis-1,3-Dichloropropene	7.595	75	62317	5.648	ug/L		98
40) 4-Methyl-2-pentanone	7.775	43	187736	66.411	ug/L		96
42) Toluene	7.959	91	151229	4.883	ug/L		98
44) trans-1,3-Dichloropropene	8.200	75	52322	5.149	ug/L		97
45) 1,1,2-Trichloroethane	8.390	97	29829	5.409	ug/L		88
47) Tetrachloroethene	8.544	164	38137	4.953	ug/L		89
48) 2-Hexanone	8.673	43	118611	60.493	ug/L	#	96
49) Dibromochloromethane	8.798	129	44119	5.126	ug/L		98
50) 1,2-Dibromoethane	8.914	107	30955	5.556	ug/L		95
51) Chlorobenzene	9.438	112	106272	4.949	ug/L		96
52) Ethylbenzene	9.560	91	178602	4.948	ug/L		99
53) m,p-Xylene	9.682	106	69699	5.001	ug/L		98
54) o-Xylene	10.090	106	69077	5.410	ug/L		96
55) Styrene	10.107	104	115733	5.361	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.772	83	37244	6.036	ug/L	#	95
59) Bromoform	10.280	173	30834	4.912	ug/L		99
60) Isopropylbenzene	10.473	105	212242	5.070	ug/L		99
61) 1,2,3-Trichloropropane	10.811	75	27684	5.207	ug/L		95
62) 1,3,5-Trimethylbenzene	11.078	105	182524	4.973	ug/L		99
63) 1,2,4-Trimethylbenzene	11.457	105	181083	5.216	ug/L		99
64) 1,3-Dichlorobenzene	11.737	146	103945	4.891	ug/L		98
65) 1,4-Dichlorobenzene	11.827	146	102507	4.808	ug/L		98
67) 1,2-Dichlorobenzene	12.203	146	99564	4.979	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.984	75	8597	6.115	ug/L	#	83
69) 1,3,5-Trichlorobenzene	13.209	180	83487	4.917	ug/L		98
70) 1,2,4-trichlorobenzene	13.830	180	70464	5.303	ug/L		98
71) Naphthalene	14.077	128	115098	6.750	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	60709	5.287	ug/L		95

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

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