Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011425\
Data File : VU062754.D
Acq On : 14 Jan 2025 19:55
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005101

Quant Time: Jan 15 00:38:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 15 00:31:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	96898	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	91998	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49896	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	17601	3.280	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 65.600%			
7) Chloroethane-d5	1.904	69	17152	3.973	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.400%			
11) 1,1-Dichloroethene-d2	2.557	65	9980	3.590	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.800%			
20) 2-Butanone-d5	4.605	46	59872	54.586	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.180%			
24) Chloroform-d	5.049	84	62699	4.749	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.000%			
26) 1,2-Dichloroethane-d4	5.692	65	34833	4.864	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.200%			
32) Benzene-d6	5.714	84	95210	4.234	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.600%			
36) 1,2-Dichloropropane-d6	6.679	67	29023	4.655	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.000%			
41) Toluene-d8	7.888	98	93964	4.289	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.800%			
43) trans-1,3-Dichloroprop...	8.171	79	14893	4.792	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.800%			
46) 2-Hexanone-d5	8.621	63	52534	53.743	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.480%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28556	5.469	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.400%			
66) 1,2-Dichlorobenzene-d4	12.183	152	38277	4.611	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	47279	5.122	ug/L	99
3) Chloromethane	1.518	50	28378	4.581	ug/L	96
5) Vinyl chloride	1.599	62	33091	4.744	ug/L	91
6) Bromomethane	1.843	94	11236	2.214	ug/L	91
8) Chloroethane	1.923	64	20419	4.872	ug/L	98
9) Trichlorofluoromethane	2.129	101	72314	5.139	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	35332	5.197	ug/L	98
12) 1,1-Dichloroethene	2.570	96	31524	5.241	ug/L	92
13) Acetone	2.611	43	40736	46.883	ug/L	97
14) Carbon disulfide	2.782	76	92880	4.834	ug/L	99
15) Methyl Acetate	2.939	43	9534	5.068	ug/L	96
16) Methylene chloride	3.033	84	33676	5.111	ug/L	99
17) Methyl tert-butyl Ether	3.348	73	86511	5.233	ug/L	100
18) trans-1,2-Dichloroethene	3.341	96	32529	5.048	ug/L	97
19) 1,1-Dichloroethane	3.853	63	59003	5.121	ug/L	95
21) 2-Butanone	4.685	43	60839	52.575	ug/L	100
22) cis-1,2-Dichloroethene	4.653	96	37754	5.380	ug/L	97
23) Bromochloromethane	4.959	128	16924	5.108	ug/L	93
25) Chloroform	5.074	83	70941	5.003	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.782	62	47762	5.151	ug/L		100
29) 1,1,1-Trichloroethane	5.303	97	70802	5.074	ug/L		99
30) Cyclohexane	5.377	56	45446	4.987	ug/L		93
31) Carbon tetrachloride	5.512	117	67981	5.301	ug/L		96
33) Benzene	5.762	78	131711	4.983	ug/L		100
34) Trichloroethene	6.531	95	39313	4.354	ug/L		98
35) Methylcyclohexane	6.753	83	55584	5.003	ug/L		99
37) 1,2-Dichloropropane	6.778	63	31346	5.027	ug/L		98
38) Bromodichloromethane	7.094	83	52446	5.230	ug/L		97
39) cis-1,3-Dichloropropene	7.598	75	55144	5.194	ug/L		98
40) 4-Methyl-2-pentanone	7.775	43	148257	50.901	ug/L		98
42) Toluene	7.958	91	151153	5.219	ug/L		98
44) trans-1,3-Dichloropropene	8.200	75	49837	5.446	ug/L		99
45) 1,1,2-Trichloroethane	8.389	97	26264	5.186	ug/L		98
47) Tetrachloroethene	8.544	164	32382	5.207	ug/L		96
48) 2-Hexanone	8.672	43	103559	49.455	ug/L		97
49) Dibromochloromethane	8.798	129	36122	5.313	ug/L		98
50) 1,2-Dibromoethane	8.913	107	26548	5.479	ug/L		95
51) Chlorobenzene	9.438	112	98574	5.204	ug/L		99
52) Ethylbenzene	9.560	91	172999	5.263	ug/L		100
53) m,p-Xylene	9.685	106	64258	5.227	ug/L		95
54) o-Xylene	10.090	106	62544	5.312	ug/L		97
55) Styrene	10.106	104	107629	5.465	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.772	83	30265	5.328	ug/L	#	88
59) Bromoform	10.280	173	22326	5.130	ug/L		96
60) Isopropylbenzene	10.473	105	178261	5.184	ug/L		100
61) 1,2,3-Trichloropropane	10.814	75	22522	5.089	ug/L		98
62) 1,3,5-Trimethylbenzene	11.077	105	154217	5.277	ug/L		100
63) 1,2,4-Trimethylbenzene	11.460	105	148290	5.245	ug/L		99
64) 1,3-Dichlorobenzene	11.736	146	83020	5.208	ug/L		98
65) 1,4-Dichlorobenzene	11.826	146	82570	5.137	ug/L		99
67) 1,2-Dichlorobenzene	12.203	146	75572	5.058	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.990	75	5975	5.212	ug/L		95
69) 1,3,5-Trichlorobenzene	13.209	180	60522	5.041	ug/L		99
70) 1,2,4-trichlorobenzene	13.833	180	46040	4.761	ug/L		99
71) Naphthalene	14.080	128	67825	4.794	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	39680	4.708	ug/L		98

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

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