Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061025\
Data File : VU063376.D
Acq On : 10 Jun 2025 13:31
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

Quant Time: Jun 10 13:51:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060625WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jun 10 13:00:15 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	97590	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	99653	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	54345	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	44635	4.662	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.200%			
7) Chloroethane-d5	1.904	69	36258	4.839	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.800%			
11) 1,1-Dichloroethene-d2	2.557	65	15680	4.701	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.000%			
20) 2-Butanone-d5	4.615	46	91583	44.918	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.840%			
24) Chloroform-d	5.052	84	79530	5.302	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.000%			
26) 1,2-Dichloroethane-d4	5.692	65	38099	4.997	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.000%			
32) Benzene-d6	5.717	84	151265	5.036	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.800%			
36) 1,2-Dichloropropane-d6	6.682	67	49814	4.982	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.600%			
41) Toluene-d8	7.888	98	132684	5.200	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.000%			
43) trans-1,3-Dichloroprop...	8.174	79	17882	5.133	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.600%			
46) 2-Hexanone-d5	8.624	63	63175	41.286	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.580%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	39743	4.579	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.600%			
66) 1,2-Dichlorobenzene-d4	12.187	152	44988	4.943	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	49897	5.469	ug/L	99
3) Chloromethane	1.518	50	58416	5.094	ug/L	98
5) Vinyl chloride	1.599	62	63875	5.142	ug/L	100
6) Bromomethane	1.849	94	36592	5.409	ug/L	99
8) Chloroethane	1.927	64	40016	5.279	ug/L	97
9) Trichlorofluoromethane	2.129	101	76824	5.452	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	43602	5.405	ug/L	97
12) 1,1-Dichloroethene	2.570	96	41379	5.486	ug/L	96
13) Acetone	2.615	43	68749	47.049	ug/L	98
14) Carbon disulfide	2.782	76	141193	5.374	ug/L	99
15) Methyl Acetate	2.946	43	17726	4.608	ug/L	98
16) Methylene chloride	3.033	84	50374	5.222	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	94281	4.923	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	45412	5.384	ug/L	98
19) 1,1-Dichloroethane	3.856	63	93091	5.521	ug/L	98
21) 2-Butanone	4.692	43	107916	48.494	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	50539	5.365	ug/L	99
23) Bromochloromethane	4.965	128	22699	5.205	ug/L	95
25) Chloroform	5.074	83	91515	5.420	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	54999	5.064	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	72335	5.304	ug/L	100
30) Cyclohexane	5.377	56	76050	5.369	ug/L	99
31) Carbon tetrachloride	5.515	117	60525	5.314	ug/L	99
33) Benzene	5.762	78	206316	5.450	ug/L	100
34) Trichloroethene	6.534	95	51425	5.165	ug/L	97
35) Methylcyclohexane	6.753	83	77190	5.509	ug/L	99
37) 1,2-Dichloropropane	6.778	63	56484	5.380	ug/L	98
38) Bromodichloromethane	7.097	83	64995	5.232	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	73153	5.132	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	264281	46.745	ug/L	99
42) Toluene	7.962	91	216968	5.538	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	59961	5.158	ug/L	97
45) 1,1,2-Trichloroethane	8.389	97	37576	5.004	ug/L	97
47) Tetrachloroethene	8.544	164	38355	5.418	ug/L	99
48) 2-Hexanone	8.675	43	185883	45.874	ug/L	99
49) Dibromochloromethane	8.801	129	39559	4.922	ug/L	96
50) 1,2-Dibromoethane	8.917	107	33818	4.896	ug/L	97
51) Chlorobenzene	9.441	112	131948	5.277	ug/L	97
52) Ethylbenzene	9.563	91	217217	5.407	ug/L	99
53) m,p-Xylene	9.685	106	83133	5.540	ug/L	96
54) o-Xylene	10.093	106	78683	5.502	ug/L	99
55) Styrene	10.110	104	136023	5.584	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	45709	4.750	ug/L	99
59) Bromoform	10.283	173	22104	4.567	ug/L	99
60) Isopropylbenzene	10.476	105	210264	5.442	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	31156	4.725	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	156323	5.246	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	151316	5.289	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	100085	5.224	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	101201	5.266	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	93454	5.201	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.990	75	5934	4.713	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	66435	5.216	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	45614	4.540	ug/L	99
71) Naphthalene	14.084	128	51378	3.578	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	38710	4.235	ug/L	98

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

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