Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV060625\
Data File : VV038758.D
Acq On : 06 Jun 2025 08:40
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005351

Quant Time: Jun 13 10:50:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060425WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 13 10:50:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	232396	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	251143	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	136939	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.288	65	138724	4.263	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.200%			
7) Chloroethane-d5	1.542	69	103689	4.503	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.000%			
11) 1,1-Dichloroethene-d2	2.069	65	54799	4.159	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.200%			
20) 2-Butanone-d5	3.789	46	205099	49.013	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.020%			
24) Chloroform-d	4.249	84	228052	4.924	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.400%			
26) 1,2-Dichloroethane-d4	4.941	65	102036	4.835	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.600%			
32) Benzene-d6	4.957	84	407463	4.510	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.200%			
36) 1,2-Dichloropropane-d6	5.985	67	125499	4.467	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.400%			
41) Toluene-d8	7.236	98	361819	4.594	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.800%			
43) trans-1,3-Dichloroprop...	7.551	79	47187	4.846	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.000%			
46) 2-Hexanone-d5	8.014	63	166408	50.825	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.640%			
56) 1,1,2,2-Tetrachloroeth...	10.143	84	97200	4.759	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.200%			
66) 1,2-Dichlorobenzene-d4	11.551	152	112233	4.432	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.117	85	147063	4.736	ug/L	99
3) Chloromethane	1.227	50	157504	4.400	ug/L	99
5) Vinyl chloride	1.294	62	160129	4.720	ug/L	95
6) Bromomethane	1.497	94	77232	4.550	ug/L	94
8) Chloroethane	1.558	64	97566	4.750	ug/L	96
9) Trichlorofluoromethane	1.722	101	214861	4.859	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	126564	5.012	ug/L	98
12) 1,1-Dichloroethene	2.079	96	113695	4.791	ug/L	92
13) Acetone	2.121	43	152112	47.057	ug/L	98
14) Carbon disulfide	2.249	76	378357	4.691	ug/L	99
15) Methyl Acetate	2.388	43	43148	4.874	ug/L	96
16) Methylene chloride	2.452	84	124240	4.657	ug/L	93
17) Methyl tert-butyl Ether	2.709	73	209901	4.847	ug/L	97
18) trans-1,2-Dichloroethene	2.703	96	111925	4.724	ug/L	89
19) 1,1-Dichloroethane	3.114	63	233349	4.933	ug/L	98
21) 2-Butanone	3.870	43	216790	46.704	ug/L	95
22) cis-1,2-Dichloroethene	3.815	96	115134	4.888	ug/L	92
23) Bromochloromethane	4.150	128	53716	5.055	ug/L	93
25) Chloroform	4.275	83	231861	4.928	ug/L	99

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ClientSampleId :
VSTD005351

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Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	133144	5.052	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	197304	4.679	ug/L	98
30) Cyclohexane	4.584	56	175936	4.508	ug/L	95
31) Carbon tetrachloride	4.735	117	175935	4.731	ug/L	99
33) Benzene	5.008	78	482775	4.888	ug/L	100
34) Trichloroethene	5.831	95	117559	4.672	ug/L	94
35) Methylcyclohexane	6.047	83	179021	4.500	ug/L	98
37) 1,2-Dichloropropane	6.085	63	129634	4.963	ug/L	100
38) Bromodichloromethane	6.429	83	159386	4.683	ug/L	97
39) cis-1,3-Dichloropropene	6.947	75	164134	4.749	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	629575	52.856	ug/L	96
42) Toluene	7.307	91	510178	5.094	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	143817	4.941	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	87244	4.718	ug/L	97
47) Tetrachloroethene	7.895	164	91598	4.707	ug/L	95
48) 2-Hexanone	8.063	43	452704	55.069	ug/L	94
49) Dibromochloromethane	8.169	129	100804	4.916	ug/L	98
50) 1,2-Dibromoethane	8.275	107	80251	4.993	ug/L	94
51) Chlorobenzene	8.805	112	309089	4.759	ug/L	98
52) Ethylbenzene	8.937	91	489316	4.782	ug/L	98
53) m,p-Xylene	9.063	106	189263	4.890	ug/L	100
54) o-Xylene	9.468	106	174316	4.757	ug/L	99
55) Styrene	9.487	104	331456	5.282	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.165	83	103491	4.886	ug/L	98
59) Bromoform	9.657	173	51941	4.844	ug/L	96
60) Isopropylbenzene	9.857	105	478487	4.712	ug/L	98
61) 1,2,3-Trichloropropane	10.201	75	68126	4.682	ug/L	97
62) 1,3,5-Trimethylbenzene	10.468	105	348370	4.463	ug/L	98
63) 1,2,4-Trimethylbenzene	10.841	105	357843	4.582	ug/L	98
64) 1,3-Dichlorobenzene	11.107	146	235559	4.813	ug/L	98
65) 1,4-Dichlorobenzene	11.197	146	239802	4.668	ug/L	100
67) 1,2-Dichlorobenzene	11.567	146	212351	4.729	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.358	75	13884	4.467	ug/L	97
69) 1,3,5-Trichlorobenzene	12.570	180	141128	4.448	ug/L	99
70) 1,2,4-trichlorobenzene	13.188	180	111988	4.487	ug/L	97
71) Naphthalene	13.429	128	177616	4.409	ug/L	98
72) 1,2,3-Trichlorobenzene	13.667	180	104730	4.581	ug/L	96

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

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