Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
Data File : VU062673.D
Acq On : 10 Jan 2025 09:37
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

Quant Time: Jan 10 22:39:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 03 00:48:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	105634	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	97286	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51479	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	24705	4.223	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.400%			
7) Chloroethane-d5	1.901	69	21483	4.565	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.200%			
11) 1,1-Dichloroethene-d2	2.557	65	12716	4.196	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.000%			
20) 2-Butanone-d5	4.605	46	64017	53.539	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.080%			
24) Chloroform-d	5.049	84	69882	4.855	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.000%			
26) 1,2-Dichloroethane-d4	5.689	65	38509	4.932	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.600%			
32) Benzene-d6	5.714	84	114779	4.826	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.600%			
36) 1,2-Dichloropropane-d6	6.679	67	33188	5.033	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.600%			
41) Toluene-d8	7.888	98	112064	4.837	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.800%			
43) trans-1,3-Dichloroprop...	8.171	79	17585	5.350	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.000%			
46) 2-Hexanone-d5	8.621	63	54646	52.865	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.720%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29544	5.350	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.000%			
66) 1,2-Dichlorobenzene-d4	12.184	152	43052	5.027	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	48409	4.810	ug/L	99
3) Chloromethane	1.515	50	33410	4.947	ug/L	94
5) Vinyl chloride	1.599	62	37254	4.899	ug/L	100
6) Bromomethane	1.843	94	28139	5.086	ug/L	96
8) Chloroethane	1.924	64	22230	4.866	ug/L	91
9) Trichlorofluoromethane	2.129	101	75381	4.914	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	37348	5.039	ug/L	100
12) 1,1-Dichloroethene	2.573	96	32758	4.995	ug/L	94
13) Acetone	2.612	43	44874	47.374	ug/L	99
14) Carbon disulfide	2.785	76	104746	5.001	ug/L	99
15) Methyl Acetate	2.940	43	10319	5.031	ug/L	99
16) Methylene chloride	3.033	84	35423	4.931	ug/L	96
17) Methyl tert-butyl Ether	3.348	73	92457	5.130	ug/L	98
18) trans-1,2-Dichloroethene	3.341	96	34893	4.967	ug/L	96
19) 1,1-Dichloroethane	3.856	63	62203	4.952	ug/L	97
21) 2-Butanone	4.685	43	65011	51.534	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	39360	5.145	ug/L	98
23) Bromochloromethane	4.962	128	18290	5.064	ug/L	97
25) Chloroform	5.074	83	75144	4.861	ug/L	100

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Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

Quant Time: Jan 10 22:39:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 03 00:48:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.782	62	51468	5.092	ug/L		99
29) 1,1,1-Trichloroethane	5.303	97	74472	5.047	ug/L		98
30) Cyclohexane	5.377	56	50552	5.246	ug/L		98
31) Carbon tetrachloride	5.512	117	69925	5.156	ug/L		96
33) Benzene	5.763	78	141166	5.050	ug/L		100
34) Trichloroethene	6.531	95	44441	4.654	ug/L		96
35) Methylcyclohexane	6.753	83	60308	5.133	ug/L		98
37) 1,2-Dichloropropane	6.779	63	33595	5.095	ug/L		98
38) Bromodichloromethane	7.094	83	54368	5.127	ug/L		97
39) cis-1,3-Dichloropropene	7.599	75	59204	5.274	ug/L		96
40) 4-Methyl-2-pentanone	7.775	43	164610	53.443	ug/L		99
42) Toluene	7.959	91	159352	5.203	ug/L		97
44) trans-1,3-Dichloropropene	8.200	75	52661	5.441	ug/L		98
45) 1,1,2-Trichloroethane	8.389	97	27905	5.211	ug/L		98
47) Tetrachloroethene	8.544	164	33575	5.105	ug/L		96
48) 2-Hexanone	8.672	43	114645	51.773	ug/L		98
49) Dibromochloromethane	8.798	129	37272	5.184	ug/L		99
50) 1,2-Dibromoethane	8.914	107	27795	5.425	ug/L		96
51) Chlorobenzene	9.438	112	103633	5.174	ug/L		98
52) Ethylbenzene	9.560	91	182911	5.263	ug/L		98
53) m,p-Xylene	9.682	106	66907	5.147	ug/L		100
54) o-Xylene	10.090	106	66504	5.341	ug/L		97
55) Styrene	10.103	104	112062	5.381	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.769	83	31501	5.244	ug/L	#	93
59) Bromoform	10.280	173	23707	5.280	ug/L		97
60) Isopropylbenzene	10.473	105	188768	5.321	ug/L		100
61) 1,2,3-Trichloropropane	10.811	75	23243	5.090	ug/L		99
62) 1,3,5-Trimethylbenzene	11.077	105	162402	5.386	ug/L		98
63) 1,2,4-Trimethylbenzene	11.457	105	160865	5.515	ug/L		99
64) 1,3-Dichlorobenzene	11.737	146	86912	5.285	ug/L		95
65) 1,4-Dichlorobenzene	11.827	146	87262	5.262	ug/L		97
67) 1,2-Dichlorobenzene	12.203	146	78930	5.121	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.987	75	6244	5.279	ug/L		96
69) 1,3,5-Trichlorobenzene	13.209	180	65383	5.279	ug/L		99
70) 1,2,4-trichlorobenzene	13.833	180	46173	4.628	ug/L		99
71) Naphthalene	14.081	128	57810	3.960	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	38153	4.387	ug/L		95

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

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Acq On : 10 Jan 2025 09:37
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

Quant Time: Jan 10 22:39:08 2025
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