Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
Data File : VU062756.D
Acq On : 15 Jan 2025 09:57
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005102

Quant Time: Jan 16 00:37:11 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	99899	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	93302	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51024	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	17315	3.130	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 62.600%			
7) Chloroethane-d5	1.898	69	16926	3.803	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.000%			
11) 1,1-Dichloroethene-d2	2.557	65	9961	3.475	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.600%			
20) 2-Butanone-d5	4.605	46	61254	54.169	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.340%			
24) Chloroform-d	5.049	84	63164	4.640	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.800%			
26) 1,2-Dichloroethane-d4	5.689	65	35020	4.743	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.800%			
32) Benzene-d6	5.714	84	98430	4.316	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.400%			
36) 1,2-Dichloropropane-d6	6.679	67	28867	4.565	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.400%			
41) Toluene-d8	7.888	98	95515	4.299	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.000%			
43) trans-1,3-Dichloroprop...	8.171	79	15431	4.895	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.000%			
46) 2-Hexanone-d5	8.618	63	53510	53.976	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.960%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28431	5.369	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.400%			
66) 1,2-Dichlorobenzene-d4	12.184	152	40723	4.797	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	45786	4.811	ug/L	97
3) Chloromethane	1.515	50	27194	4.258	ug/L	97
5) Vinyl chloride	1.599	62	32088	4.462	ug/L	100
6) Bromomethane	1.840	94	17716	3.386	ug/L	91
8) Chloroethane	1.920	64	19435	4.498	ug/L	94
9) Trichlorofluoromethane	2.129	101	74451	5.132	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	35209	5.023	ug/L	98
12) 1,1-Dichloroethene	2.570	96	30478	4.915	ug/L	92
13) Acetone	2.612	43	40715	45.451	ug/L	99
14) Carbon disulfide	2.782	76	90130	4.550	ug/L	99
15) Methyl Acetate	2.940	43	9617	4.958	ug/L	99
16) Methylene chloride	3.030	84	33048	4.865	ug/L	99
17) Methyl tert-butyl Ether	3.348	73	84913	4.982	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	32666	4.917	ug/L	96
19) 1,1-Dichloroethane	3.853	63	58106	4.891	ug/L	93
21) 2-Butanone	4.685	43	57459	48.163	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	36346	5.023	ug/L	94
23) Bromochloromethane	4.962	128	17412	5.098	ug/L	95
25) Chloroform	5.074	83	71069	4.861	ug/L	95

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Acq On : 15 Jan 2025 09:57
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005102

Quant Time: Jan 16 00:37:11 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)
27) 1,2-Dichloroethane	5.782	62	48742	5.099	ug/L		99
29) 1,1,1-Trichloroethane	5.303	97	70637	4.991	ug/L		98
30) Cyclohexane	5.377	56	44083	4.770	ug/L		96
31) Carbon tetrachloride	5.512	117	65920	5.068	ug/L		99
33) Benzene	5.763	78	129880	4.845	ug/L		100
34) Trichloroethene	6.531	95	38770	4.234	ug/L		98
35) Methylcyclohexane	6.750	83	53585	4.756	ug/L		98
37) 1,2-Dichloropropane	6.779	63	30191	4.774	ug/L		98
38) Bromodichloromethane	7.094	83	51193	5.034	ug/L		96
39) cis-1,3-Dichloropropene	7.595	75	53701	4.988	ug/L		97
40) 4-Methyl-2-pentanone	7.775	43	147630	49.977	ug/L		100
42) Toluene	7.959	91	148951	5.071	ug/L		100
44) trans-1,3-Dichloropropene	8.200	75	48269	5.201	ug/L		97
45) 1,1,2-Trichloroethane	8.389	97	26690	5.197	ug/L		90
47) Tetrachloroethene	8.544	164	31872	5.053	ug/L		95
48) 2-Hexanone	8.672	43	100964	47.542	ug/L		98
49) Dibromochloromethane	8.798	129	35782	5.189	ug/L		93
50) 1,2-Dibromoethane	8.914	107	25580	5.206	ug/L		96
51) Chlorobenzene	9.438	112	98368	5.121	ug/L		99
52) Ethylbenzene	9.560	91	171840	5.155	ug/L		96
53) m,p-Xylene	9.685	106	64965	5.211	ug/L		97
54) o-Xylene	10.090	106	61786	5.174	ug/L		94
55) Styrene	10.103	104	108091	5.412	ug/L		96
57) 1,1,2,2-Tetrachloroethane	10.772	83	28897	5.016	ug/L	#	95
59) Bromoform	10.280	173	22236	4.996	ug/L		98
60) Isopropylbenzene	10.473	105	178160	5.067	ug/L		100
61) 1,2,3-Trichloropropane	10.811	75	21591	4.771	ug/L		96
62) 1,3,5-Trimethylbenzene	11.077	105	156892	5.250	ug/L		100
63) 1,2,4-Trimethylbenzene	11.457	105	153346	5.304	ug/L		98
64) 1,3-Dichlorobenzene	11.737	146	83535	5.125	ug/L		97
65) 1,4-Dichlorobenzene	11.827	146	84253	5.126	ug/L		98
67) 1,2-Dichlorobenzene	12.203	146	78128	5.114	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.987	75	5610	4.785	ug/L		95
69) 1,3,5-Trichlorobenzene	13.209	180	62134	5.061	ug/L		99
70) 1,2,4-trichlorobenzene	13.833	180	46859	4.739	ug/L		99
71) Naphthalene	14.081	128	62141	4.295	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	38865	4.509	ug/L		96

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

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTD005102

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