Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020725\
Data File : VU063212.D
Acq On : 07 Feb 2025 09:09
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005134

Quant Time: Feb 10 15:31:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Feb 10 15:31:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	80284	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	75099	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	36218	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18153	3.953	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.000%			
7) Chloroethane-d5	1.901	69	18175	4.264	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.200%			
11) 1,1-Dichloroethene-d2	2.554	65	8235	4.017	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.400%			
20) 2-Butanone-d5	4.605	46	67668	44.761	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.520%			
24) Chloroform-d	5.049	84	47065	4.635	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.800%			
26) 1,2-Dichloroethane-d4	5.689	65	23049	4.414	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.200%			
32) Benzene-d6	5.714	84	85650	4.372	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.400%			
36) 1,2-Dichloropropane-d6	6.679	67	29785	4.612	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.200%			
41) Toluene-d8	7.888	98	75987	4.391	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.800%			
43) trans-1,3-Dichloroprop...	8.171	79	10498	4.338	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.800%			
46) 2-Hexanone-d5	8.621	63	50490	41.457	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.920%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25314	4.441	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.800%			
66) 1,2-Dichlorobenzene-d4	12.184	152	26538	4.388	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	38675	5.560	ug/L	99
3) Chloromethane	1.515	50	39943	5.242	ug/L	100
5) Vinyl chloride	1.599	62	42274	5.481	ug/L	98
6) Bromomethane	1.840	94	19755	5.094	ug/L	97
8) Chloroethane	1.920	64	25126	5.408	ug/L	97
9) Trichlorofluoromethane	2.129	101	49848	5.754	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	31375	5.891	ug/L	99
12) 1,1-Dichloroethene	2.570	96	29393	5.633	ug/L	85
13) Acetone	2.612	43	46113	48.438	ug/L	99
14) Carbon disulfide	2.782	76	97591	5.326	ug/L	98
15) Methyl Acetate	2.940	43	12863	4.947	ug/L	100
16) Methylene chloride	3.030	84	33291	5.333	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	73991	5.145	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	31392	5.626	ug/L	98
19) 1,1-Dichloroethane	3.853	63	61497	5.482	ug/L	97
21) 2-Butanone	4.685	43	78819	49.865	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	35075	5.635	ug/L	98
23) Bromochloromethane	4.959	128	15473	5.541	ug/L	94
25) Chloroform	5.071	83	61302	5.552	ug/L	98

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Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005134

Quant Time: Feb 10 15:31:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Feb 10 15:31:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	38312	5.267	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	51346	5.776	ug/L	98
30) Cyclohexane	5.374	56	52339	5.563	ug/L	100
31) Carbon tetrachloride	5.512	117	43426	5.790	ug/L	100
33) Benzene	5.763	78	137307	5.556	ug/L	100
34) Trichloroethene	6.531	95	35933	5.725	ug/L	98
35) Methylcyclohexane	6.753	83	54820	5.829	ug/L	99
37) 1,2-Dichloropropane	6.779	63	36588	5.551	ug/L	99
38) Bromodichloromethane	7.094	83	43673	5.518	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	51163	5.443	ug/L	99
40) 4-Methyl-2-pentanone	7.779	43	194507	49.995	ug/L	100
42) Toluene	7.959	91	147567	5.713	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	42775	5.436	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	25600	5.259	ug/L	99
47) Tetrachloroethene	8.544	164	26117	5.925	ug/L	96
48) 2-Hexanone	8.672	43	136724	49.814	ug/L	99
49) Dibromochloromethane	8.798	129	27926	5.450	ug/L	98
50) 1,2-Dibromoethane	8.914	107	24015	5.379	ug/L	97
51) Chlorobenzene	9.438	112	87001	5.580	ug/L	98
52) Ethylbenzene	9.560	91	152493	5.644	ug/L	99
53) m,p-Xylene	9.685	106	58165	5.968	ug/L	97
54) o-Xylene	10.090	106	54868	5.678	ug/L	96
55) Styrene	10.106	104	91135	5.729	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	32036	5.127	ug/L	99
59) Bromoform	10.280	173	15881	5.086	ug/L	98
60) Isopropylbenzene	10.473	105	147314	5.728	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	21498	4.919	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	117334	5.784	ug/L	98
63) 1,2,4-Trimethylbenzene	11.457	105	113662	5.826	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	65666	5.635	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	65632	5.602	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	59998	5.510	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	4323	4.944	ug/L	97
69) 1,3,5-Trichlorobenzene	13.209	180	45388	5.701	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	33221	5.303	ug/L	99
71) Naphthalene	14.081	128	43526	4.234	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	28308	5.058	ug/L	98

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

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Acq On : 07 Feb 2025 09:09
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005134

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