Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
Data File : VU063146.D
Acq On : 05 Feb 2025 09:00
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005129

Quant Time: Feb 06 07:23:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 05 07:57:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	88029	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	82913	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	39024	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23727	4.712	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.200%			
7) Chloroethane-d5	1.901	69	23173	4.958	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.200%			
11) 1,1-Dichloroethene-d2	2.557	65	10908	4.853	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.000%			
20) 2-Butanone-d5	4.605	46	73974	44.627	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.260%			
24) Chloroform-d	5.049	84	56638	5.088	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.800%			
26) 1,2-Dichloroethane-d4	5.688	65	27757	4.848	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.000%			
32) Benzene-d6	5.714	84	107812	4.985	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.800%			
36) 1,2-Dichloropropane-d6	6.679	67	35636	4.998	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.000%			
41) Toluene-d8	7.888	98	96090	5.029	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.600%			
43) trans-1,3-Dichloroprop...	8.171	79	12561	4.702	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.000%			
46) 2-Hexanone-d5	8.621	63	58091	43.203	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.400%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29533	4.693	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.800%			
66) 1,2-Dichlorobenzene-d4	12.183	152	31714	4.867	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	41277	5.412	ug/L	100
3) Chloromethane	1.515	50	41590	4.978	ug/L	99
5) Vinyl chloride	1.599	62	44512	5.263	ug/L	99
6) Bromomethane	1.843	94	15398	3.621	ug/L	98
8) Chloroethane	1.923	64	26765	5.254	ug/L	96
9) Trichlorofluoromethane	2.129	101	53325	5.613	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	33249	5.694	ug/L	99
12) 1,1-Dichloroethene	2.570	96	30569	5.343	ug/L	96
13) Acetone	2.611	43	47559	45.561	ug/L	97
14) Carbon disulfide	2.782	76	107708	5.361	ug/L	99
15) Methyl Acetate	2.939	43	12910	4.528	ug/L	98
16) Methylene chloride	3.033	84	35329	5.162	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	74712	4.738	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	32912	5.380	ug/L	96
19) 1,1-Dichloroethane	3.853	63	63650	5.175	ug/L	98
21) 2-Butanone	4.682	43	78094	45.059	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	36366	5.328	ug/L	99
23) Bromochloromethane	4.962	128	15634	5.106	ug/L	98
25) Chloroform	5.074	83	64131	5.297	ug/L	97

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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 :
VSTD005129

Quant Time: Feb 06 07:23:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	39428	4.943	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	52691	5.369	ug/L	100
30) Cyclohexane	5.377	56	56753	5.463	ug/L	99
31) Carbon tetrachloride	5.512	117	45206	5.459	ug/L	98
33) Benzene	5.762	78	145616	5.337	ug/L	100
34) Trichloroethene	6.531	95	37336	5.388	ug/L	99
35) Methylcyclohexane	6.753	83	58535	5.637	ug/L	99
37) 1,2-Dichloropropane	6.778	63	38904	5.346	ug/L	100
38) Bromodichloromethane	7.094	83	45308	5.185	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	53116	5.118	ug/L	99
40) 4-Methyl-2-pentanone	7.775	43	196703	45.795	ug/L	100
42) Toluene	7.958	91	156126	5.475	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	43865	5.049	ug/L	97
45) 1,1,2-Trichloroethane	8.389	97	26111	4.858	ug/L	98
47) Tetrachloroethene	8.544	164	26486	5.442	ug/L	98
48) 2-Hexanone	8.672	43	136190	44.943	ug/L	98
49) Dibromochloromethane	8.798	129	28147	4.976	ug/L	100
50) 1,2-Dibromoethane	8.913	107	24993	5.070	ug/L	91
51) Chlorobenzene	9.438	112	90877	5.279	ug/L	99
52) Ethylbenzene	9.560	91	162160	5.436	ug/L	99
53) m,p-Xylene	9.685	106	59880	5.565	ug/L	99
54) o-Xylene	10.090	106	57988	5.435	ug/L	99
55) Styrene	10.106	104	96481	5.493	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	32777	4.751	ug/L	99
59) Bromoform	10.280	173	16437	4.885	ug/L	97
60) Isopropylbenzene	10.476	105	156355	5.642	ug/L	99
61) 1,2,3-Trichloropropane	10.810	75	21891	4.648	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	122902	5.623	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	119152	5.669	ug/L	98
64) 1,3-Dichlorobenzene	11.736	146	69124	5.505	ug/L	98
65) 1,4-Dichlorobenzene	11.826	146	69263	5.487	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	64525	5.499	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	4546	4.825	ug/L	97
69) 1,3,5-Trichlorobenzene	13.209	180	47733	5.564	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	34465	5.106	ug/L	100
71) Naphthalene	14.080	128	45550	4.112	ug/L	98
72) 1,2,3-Trichlorobenzene	14.318	180	29827	4.946	ug/L	97

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

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Acq On : 05 Feb 2025 09:00
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005129

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