Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
Data File : VU062832.D
Acq On : 16 Jan 2025 20:13
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005106

Quant Time: Jan 16 22:10:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 22:02:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	95326	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	88167	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	48492	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23489	4.449	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.000%			
7) Chloroethane-d5	1.894	69	19953	4.698	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.000%			
11) 1,1-Dichloroethene-d2	2.554	65	12872	4.706	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.200%			
20) 2-Butanone-d5	4.605	46	54580	50.582	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.160%			
24) Chloroform-d	5.045	84	64478	4.964	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.200%			
26) 1,2-Dichloroethane-d4	5.688	65	34642	4.917	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.400%			
32) Benzene-d6	5.714	84	106233	4.929	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.600%			
36) 1,2-Dichloropropane-d6	6.676	67	28957	4.846	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.000%			
41) Toluene-d8	7.888	98	106259	5.061	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.200%			
43) trans-1,3-Dichloroprop...	8.167	79	15039	5.049	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.000%			
46) 2-Hexanone-d5	8.618	63	46689	49.838	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.680%			
56) 1,1,2,2-Tetrachloroeth...	10.743	84	25647	5.125	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.400%			
66) 1,2-Dichlorobenzene-d4	12.183	152	40490	5.019	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	43847	4.828	ug/L	99
3) Chloromethane	1.515	50	25360	4.161	ug/L	99
5) Vinyl chloride	1.599	62	29929	4.361	ug/L	93
6) Bromomethane	1.833	94	16059	3.216	ug/L	96
8) Chloroethane	1.917	64	19431	4.713	ug/L	92
9) Trichlorofluoromethane	2.126	101	69707	5.036	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	32964	4.929	ug/L	99
12) 1,1-Dichloroethene	2.566	96	29353	4.960	ug/L	98
13) Acetone	2.611	43	40343	47.196	ug/L	100
14) Carbon disulfide	2.779	76	83393	4.412	ug/L	100
15) Methyl Acetate	2.936	43	9344	5.049	ug/L	99
16) Methylene chloride	3.029	84	32443	5.005	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	82562	5.076	ug/L	100
18) trans-1,2-Dichloroethene	3.338	96	30647	4.834	ug/L	97
19) 1,1-Dichloroethane	3.853	63	55057	4.857	ug/L	94
21) 2-Butanone	4.685	43	57043	50.108	ug/L	98
22) cis-1,2-Dichloroethene	4.650	96	35319	5.116	ug/L	96
23) Bromochloromethane	4.962	128	16305	5.003	ug/L	97
25) Chloroform	5.071	83	69667	4.994	ug/L	96

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Operator : MD/SY
Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005106

Quant Time: Jan 16 22:10:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 22:02:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	46660	5.115	ug/L	96
29) 1,1,1-Trichloroethane	5.299	97	68301	5.107	ug/L	98
30) Cyclohexane	5.373	56	42072	4.817	ug/L	96
31) Carbon tetrachloride	5.508	117	63430	5.161	ug/L	98
33) Benzene	5.759	78	124272	4.906	ug/L	100
34) Trichloroethene	6.528	95	36405	4.207	ug/L	97
35) Methylcyclohexane	6.750	83	49869	4.684	ug/L	99
37) 1,2-Dichloropropane	6.775	63	28870	4.831	ug/L	100
38) Bromodichloromethane	7.094	83	48998	5.099	ug/L	95
39) cis-1,3-Dichloropropene	7.595	75	50289	4.943	ug/L	97
40) 4-Methyl-2-pentanone	7.775	43	142436	51.027	ug/L	98
42) Toluene	7.958	91	140901	5.076	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	46036	5.249	ug/L	94
45) 1,1,2-Trichloroethane	8.389	97	25817	5.320	ug/L	94
47) Tetrachloroethene	8.544	164	29742	4.990	ug/L	97
48) 2-Hexanone	8.669	43	106217	52.929	ug/L	97
49) Dibromochloromethane	8.798	129	34104	5.234	ug/L	99
50) 1,2-Dibromoethane	8.913	107	24790	5.339	ug/L	99
51) Chlorobenzene	9.434	112	93864	5.171	ug/L	99
52) Ethylbenzene	9.560	91	161397	5.124	ug/L	99
53) m,p-Xylene	9.685	106	61393	5.211	ug/L	97
54) o-Xylene	10.090	106	58689	5.201	ug/L	99
55) Styrene	10.103	104	102009	5.404	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	29099	5.345	ug/L	99
59) Bromoform	10.280	173	21687	5.127	ug/L	98
60) Isopropylbenzene	10.473	105	167312	5.007	ug/L	99
61) 1,2,3-Trichloropropane	10.810	75	21502	4.999	ug/L	97
62) 1,3,5-Trimethylbenzene	11.077	105	146250	5.149	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	142835	5.199	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	80484	5.195	ug/L	99
65) 1,4-Dichlorobenzene	11.826	146	78368	5.017	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	74018	5.098	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5759	5.169	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.209	180	57515	4.929	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	45134	4.803	ug/L	98
71) Naphthalene	14.080	128	65115	4.736	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	39392	4.809	ug/L	96

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

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Acq On : 16 Jan 2025 20:13
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005106

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