Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
Data File : VU062695.D
Acq On : 10 Jan 2025 19:44
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005096

Quant Time: Jan 11 00:32:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 10 22:42:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	99868	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	94974	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	50038	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22241	4.021	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.400%			
7) Chloroethane-d5	1.901	69	19396	4.359	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.200%			
11) 1,1-Dichloroethene-d2	2.557	65	12798	4.466	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.400%			
20) 2-Butanone-d5	4.605	46	61048	54.003	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.000%			
24) Chloroform-d	5.049	84	68493	5.033	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.600%			
26) 1,2-Dichloroethane-d4	5.689	65	37470	5.076	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.600%			
32) Benzene-d6	5.714	84	111814	4.816	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.400%			
36) 1,2-Dichloropropane-d6	6.679	67	31840	4.947	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.000%			
41) Toluene-d8	7.888	98	109815	4.855	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.200%			
43) trans-1,3-Dichloroprop...	8.168	79	16563	5.162	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.200%			
46) 2-Hexanone-d5	8.618	63	54047	53.558	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.120%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28818	5.346	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.000%			
66) 1,2-Dichlorobenzene-d4	12.184	152	42563	5.113	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	47858	5.030	ug/L	100
3) Chloromethane	1.518	50	29833	4.673	ug/L	97
5) Vinyl chloride	1.599	62	35500	4.938	ug/L	98
6) Bromomethane	1.843	94	10459	2.000	ug/L	98
8) Chloroethane	1.924	64	21543	4.988	ug/L	94
9) Trichlorofluoromethane	2.129	101	74517	5.138	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	34765	4.962	ug/L	100
12) 1,1-Dichloroethene	2.570	96	31968	5.156	ug/L	95
13) Acetone	2.612	43	42921	47.929	ug/L	98
14) Carbon disulfide	2.782	76	99110	5.005	ug/L	100
15) Methyl Acetate	2.943	43	10699	5.518	ug/L	95
16) Methylene chloride	3.030	84	34073	5.017	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	90095	5.288	ug/L	99
18) trans-1,2-Dichloroethene	3.338	96	34674	5.221	ug/L	94
19) 1,1-Dichloroethane	3.853	63	61580	5.185	ug/L	95
21) 2-Butanone	4.682	43	66269	55.565	ug/L	100
22) cis-1,2-Dichloroethene	4.653	96	38242	5.287	ug/L	95
23) Bromochloromethane	4.962	128	18413	5.393	ug/L	94
25) Chloroform	5.071	83	75274	5.151	ug/L	97

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ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005096

Quant Time: Jan 11 00:32:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 10 22:42:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	51147	5.352	ug/L	99
29) 1,1,1-Trichloroethane	5.300	97	71994	4.997	ug/L	99
30) Cyclohexane	5.374	56	46134	4.904	ug/L	94
31) Carbon tetrachloride	5.509	117	66814	5.047	ug/L	99
33) Benzene	5.763	78	137837	5.051	ug/L	100
34) Trichloroethene	6.531	95	42278	4.536	ug/L	96
35) Methylcyclohexane	6.750	83	56425	4.919	ug/L	98
37) 1,2-Dichloropropane	6.779	63	32675	5.076	ug/L	100
38) Bromodichloromethane	7.094	83	53274	5.146	ug/L	97
39) cis-1,3-Dichloropropene	7.595	75	55258	5.042	ug/L	99
40) 4-Methyl-2-pentanone	7.775	43	156886	52.175	ug/L	99
42) Toluene	7.959	91	157464	5.266	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	50307	5.325	ug/L	98
45) 1,1,2-Trichloroethane	8.386	97	27813	5.320	ug/L	96
47) Tetrachloroethene	8.544	164	32206	5.016	ug/L	97
48) 2-Hexanone	8.669	43	112489	52.036	ug/L	98
49) Dibromochloromethane	8.798	129	36712	5.230	ug/L	96
50) 1,2-Dibromoethane	8.914	107	27780	5.554	ug/L	95
51) Chlorobenzene	9.438	112	100460	5.138	ug/L	98
52) Ethylbenzene	9.560	91	175736	5.179	ug/L	99
53) m,p-Xylene	9.682	106	66493	5.240	ug/L	98
54) o-Xylene	10.090	106	65003	5.348	ug/L	96
55) Styrene	10.103	104	106870	5.256	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	31923	5.443	ug/L	97
59) Bromoform	10.280	173	23424	5.367	ug/L	99
60) Isopropylbenzene	10.473	105	181450	5.262	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	23666	5.332	ug/L	97
62) 1,3,5-Trimethylbenzene	11.078	105	157636	5.379	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	152339	5.373	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	82786	5.179	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	83178	5.160	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	76745	5.122	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	6169	5.366	ug/L	95
69) 1,3,5-Trichlorobenzene	13.209	180	60284	5.007	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	44943	4.635	ug/L	100
71) Naphthalene	14.081	128	61968	4.368	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	38580	4.564	ug/L	95

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

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