Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010225\
Data File : VU062652.D
Acq On : 02 Jan 2025 13:09
Operator : MD/SY
Sample : VSTDICV005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV067

Quant Time: Jan 03 00:56:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 03 00:48:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	108436	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	101269	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	53133	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	30061	5.005	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.200%			
7) Chloroethane-d5	1.901	69	24054	4.979	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.600%			
11) 1,1-Dichloroethene-d2	2.557	65	14949	4.805	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.000%			
20) 2-Butanone-d5	4.611	46	63753	51.940	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.880%			
24) Chloroform-d	5.049	84	73678	4.986	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.800%			
26) 1,2-Dichloroethane-d4	5.692	65	40316	5.030	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.600%			
32) Benzene-d6	5.717	84	125490	5.069	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.400%			
36) 1,2-Dichloropropane-d6	6.679	67	35864	5.225	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.600%			
41) Toluene-d8	7.888	98	122307	5.071	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.400%			
43) trans-1,3-Dichloroprop...	8.171	79	18177	5.313	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 106.200%			
46) 2-Hexanone-d5	8.624	63	56058	52.098	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.200%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28860	5.021	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.400%			
66) 1,2-Dichlorobenzene-d4	12.183	152	47079	5.326	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	53666	5.195	ug/L	100
3) Chloromethane	1.515	50	34995	5.048	ug/L	99
5) Vinyl chloride	1.599	62	39503	5.061	ug/L	100
6) Bromomethane	1.843	94	29303	5.159	ug/L	93
8) Chloroethane	1.923	64	23099	4.925	ug/L	97
9) Trichlorofluoromethane	2.129	101	77832	4.943	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	37587	4.940	ug/L	99
12) 1,1-Dichloroethene	2.570	96	35425	5.263	ug/L	93
13) Acetone	2.618	43	43038	44.262	ug/L	97
14) Carbon disulfide	2.782	76	111316	5.177	ug/L	98
15) Methyl Acetate	2.943	43	10456	4.966	ug/L	99
16) Methylene chloride	3.033	84	36327	4.927	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	92279	4.988	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	36744	5.095	ug/L	97
19) 1,1-Dichloroethane	3.853	63	65266	5.062	ug/L	96
21) 2-Butanone	4.692	43	64183	49.563	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	41104	5.234	ug/L	99
23) Bromochloromethane	4.962	128	18461	4.979	ug/L	99
25) Chloroform	5.074	83	77769	4.901	ug/L	98

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV067

Quant Time: Jan 03 00:56:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 03 00:48:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.782	62	51558	4.969	ug/L	#	95
29) 1,1,1-Trichloroethane	5.303	97	75651	4.925	ug/L		98
30) Cyclohexane	5.377	56	53189	5.302	ug/L		99
31) Carbon tetrachloride	5.512	117	70007	4.959	ug/L		97
33) Benzene	5.762	78	147811	5.080	ug/L		100
34) Trichloroethene	6.534	95	46056	4.634	ug/L		99
35) Methylcyclohexane	6.753	83	62002	5.070	ug/L		98
37) 1,2-Dichloropropane	6.782	63	35138	5.119	ug/L		100
38) Bromodichloromethane	7.097	83	55050	4.987	ug/L		99
39) cis-1,3-Dichloropropene	7.598	75	59523	5.094	ug/L		99
40) 4-Methyl-2-pentanone	7.782	43	165986	51.770	ug/L		100
42) Toluene	7.962	91	165676	5.197	ug/L		99
44) trans-1,3-Dichloropropene	8.203	75	52314	5.193	ug/L		98
45) 1,1,2-Trichloroethane	8.389	97	28225	5.063	ug/L		97
47) Tetrachloroethene	8.544	164	35327	5.161	ug/L		95
48) 2-Hexanone	8.675	43	119528	51.856	ug/L		97
49) Dibromochloromethane	8.801	129	36826	4.920	ug/L		99
50) 1,2-Dibromoethane	8.917	107	28164	5.281	ug/L		96
51) Chlorobenzene	9.438	112	106290	5.098	ug/L		96
52) Ethylbenzene	9.563	91	187467	5.181	ug/L		96
53) m,p-Xylene	9.685	106	70606	5.218	ug/L		98
54) o-Xylene	10.093	106	68092	5.254	ug/L		99
55) Styrene	10.106	104	113314	5.227	ug/L		94
57) 1,1,2,2-Tetrachloroethane	10.772	83	31226	4.994	ug/L	#	92
59) Bromoform	10.283	173	22292	4.810	ug/L		98
60) Isopropylbenzene	10.476	105	191578	5.232	ug/L		100
61) 1,2,3-Trichloropropane	10.814	75	23567	5.001	ug/L		98
62) 1,3,5-Trimethylbenzene	11.081	105	162531	5.223	ug/L		99
63) 1,2,4-Trimethylbenzene	11.460	105	161829	5.375	ug/L		100
64) 1,3-Dichlorobenzene	11.740	146	90591	5.337	ug/L		97
65) 1,4-Dichlorobenzene	11.830	146	89139	5.208	ug/L		99
67) 1,2-Dichlorobenzene	12.206	146	82035	5.157	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.990	75	6624	5.426	ug/L		94
69) 1,3,5-Trichlorobenzene	13.212	180	71087	5.560	ug/L		98
70) 1,2,4-trichlorobenzene	13.833	180	60370	5.863	ug/L		97
71) Naphthalene	14.080	128	92391	6.132	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	51941	5.787	ug/L		98

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

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