Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV013025\
Data File : VV038569.D
Acq On : 29 Jan 2025 14:07
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

Quant Time: Jan 30 07:57:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 24 20:51:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	179788	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	194519	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	105313	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	68569	4.625	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.400%			
7) Chloroethane-d5	1.529	69	59209	4.756	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.200%			
11) 1,1-Dichloroethene-d2	2.053	65	32952	4.932	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.600%			
20) 2-Butanone-d5	3.825	46	134714	43.201	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.400%			
24) Chloroform-d	4.239	84	149583	5.383	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.600%			
26) 1,2-Dichloroethane-d4	4.937	65	66634	5.233	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.600%			
32) Benzene-d6	4.950	84	262756	4.904	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.000%			
36) 1,2-Dichloropropane-d6	5.979	67	81629	5.013	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.200%			
41) Toluene-d8	7.233	98	246290	5.118	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.400%			
43) trans-1,3-Dichloroprop...	7.551	79	23788	3.993	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.800%			
46) 2-Hexanone-d5	8.024	63	101845	43.337	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.680%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	75080	5.816	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 116.400%			
66) 1,2-Dichlorobenzene-d4	11.554	152	87773	4.924	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	84297	4.186	ug/L	100
3) Chloromethane	1.214	50	87801	4.261	ug/L	99
5) Vinyl chloride	1.278	62	92620	4.449	ug/L	100
6) Bromomethane	1.484	94	45730	4.391	ug/L	95
8) Chloroethane	1.545	64	57669	4.623	ug/L	97
9) Trichlorofluoromethane	1.709	101	132198	4.989	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	73096	4.826	ug/L	98
12) 1,1-Dichloroethene	2.063	96	72611	4.871	ug/L	99
13) Acetone	2.159	43	119275	49.159	ug/L	58
14) Carbon disulfide	2.233	76	208257	4.158	ug/L	99
15) Methyl Acetate	2.387	43	29332	4.732	ug/L	98
16) Methylene chloride	2.439	84	82520	4.994	ug/L	99
17) Methyl tert-butyl Ether	2.699	73	150403	4.795	ug/L	98
18) trans-1,2-Dichloroethene	2.686	96	70735	4.615	ug/L	97
19) 1,1-Dichloroethane	3.104	63	144989	4.970	ug/L	96
21) 2-Butanone	3.902	43	143021	41.554	ug/L	96
22) cis-1,2-Dichloroethene	3.809	96	69299	4.447	ug/L	98
23) Bromochloromethane	4.140	128	36924	5.207	ug/L	97
25) Chloroform	4.265	83	150779	5.229	ug/L	95

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

Quant Time: Jan 30 07:57:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 24 20:51:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.037	62	83970	5.236	ug/L		100
29) 1,1,1-Trichloroethane	4.500	97	124095	4.799	ug/L		99
30) Cyclohexane	4.567	56	93189	3.956	ug/L		96
31) Carbon tetrachloride	4.725	117	111449	4.876	ug/L		99
33) Benzene	5.001	78	300417	4.864	ug/L		100
34) Trichloroethene	5.828	95	74079	4.615	ug/L		94
35) Methylcyclohexane	6.040	83	94331	3.855	ug/L		96
37) 1,2-Dichloropropane	6.085	63	78357	4.912	ug/L		100
38) Bromodichloromethane	6.426	83	102605	4.960	ug/L		98
39) cis-1,3-Dichloropropene	6.950	75	74748	3.399	ug/L		97
40) 4-Methyl-2-pentanone	7.153	43	428254	51.888	ug/L		99
42) Toluene	7.307	91	325832	5.061	ug/L		100
44) trans-1,3-Dichloropropene	7.577	75	67756	3.636	ug/L		99
45) 1,1,2-Trichloroethane	7.763	97	61119	5.327	ug/L		97
47) Tetrachloroethene	7.898	164	57384	4.619	ug/L		97
48) 2-Hexanone	8.072	43	328625	54.992	ug/L		98
49) Dibromochloromethane	8.169	129	69269	5.244	ug/L		96
50) 1,2-Dibromoethane	8.278	107	56396	5.283	ug/L		99
51) Chlorobenzene	8.805	112	207903	4.799	ug/L		99
52) Ethylbenzene	8.940	91	321731	4.646	ug/L		100
53) m,p-Xylene	9.066	106	126438	4.817	ug/L		96
54) o-Xylene	9.471	106	119368	4.772	ug/L		96
55) Styrene	9.490	104	215647	4.944	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.168	83	73682	5.274	ug/L		97
59) Bromoform	9.657	173	35469	4.829	ug/L	#	96
60) Isopropylbenzene	9.860	105	328759	4.639	ug/L		98
61) 1,2,3-Trichloropropane	10.204	75	50090	4.950	ug/L		99
62) 1,3,5-Trimethylbenzene	10.467	105	229104	4.129	ug/L		99
63) 1,2,4-Trimethylbenzene	10.844	105	239521	4.321	ug/L		100
64) 1,3-Dichlorobenzene	11.111	146	165565	4.710	ug/L		98
65) 1,4-Dichlorobenzene	11.201	146	168160	4.627	ug/L		99
67) 1,2-Dichlorobenzene	11.570	146	156074	4.741	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.361	75	9949	4.757	ug/L		93
69) 1,3,5-Trichlorobenzene	12.577	180	99536	4.117	ug/L		97
70) 1,2,4-trichlorobenzene	13.191	180	74906	4.168	ug/L		99
71) Naphthalene	13.435	128	97039	3.645	ug/L		98
72) 1,2,3-Trichlorobenzene	13.673	180	69783	4.491	ug/L		99

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

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ClientSampleId :
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