Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012325\
Data File : VV038522.D
Acq On : 23 Jan 2025 21:35
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005335

Quant Time: Jan 24 00:35:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 24 00:30:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	200092	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	209407	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	113238	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	57090	3.460	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.200%			
7) Chloroethane-d5	1.532	69	54864	3.960	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.200%			
11) 1,1-Dichloroethene-d2	2.056	65	27029	3.635	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.600%			
20) 2-Butanone-d5	3.799	46	178376	51.398	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.800%			
24) Chloroform-d	4.240	84	143513	4.640	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.800%			
26) 1,2-Dichloroethane-d4	4.937	65	65255	4.605	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.000%			
32) Benzene-d6	4.953	84	250533	4.344	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.800%			
36) 1,2-Dichloropropane-d6	5.982	67	80691	4.603	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.000%			
41) Toluene-d8	7.233	98	228710	4.415	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.200%			
43) trans-1,3-Dichloroprop...	7.551	79	27031	4.215	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.400%			
46) 2-Hexanone-d5	8.018	63	123468	48.802	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.600%			
56) 1,1,2,2-Tetrachloroeth...	10.143	84	72591	5.223	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.400%			
66) 1,2-Dichlorobenzene-d4	11.551	152	91303	4.764	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	105647	4.714	ug/L	100
3) Chloromethane	1.214	50	105184	4.587	ug/L	100
5) Vinyl chloride	1.282	62	104646	4.516	ug/L	98
6) Bromomethane	1.487	94	57397	4.952	ug/L	94
8) Chloroethane	1.548	64	63235	4.555	ug/L	99
9) Trichlorofluoromethane	1.712	101	145696	4.941	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	87399	5.185	ug/L	98
12) 1,1-Dichloroethene	2.066	96	78020	4.702	ug/L	95
13) Acetone	2.134	43	118275	43.800	ug/L	100
14) Carbon disulfide	2.237	76	248213	4.453	ug/L	100
15) Methyl Acetate	2.388	43	29522	4.279	ug/L	95
16) Methylene chloride	2.442	84	82629	4.493	ug/L	97
17) Methyl tert-butyl Ether	2.696	73	159920	4.581	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	80788	4.736	ug/L	97
19) 1,1-Dichloroethane	3.105	63	151199	4.657	ug/L	99
21) 2-Butanone	3.880	43	169496	44.249	ug/L	98
22) cis-1,2-Dichloroethene	3.806	96	80560	4.645	ug/L	92
23) Bromochloromethane	4.146	128	38846	4.923	ug/L	91
25) Chloroform	4.265	83	157466	4.906	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.034	62	87746	4.916	ug/L		98
29) 1,1,1-Trichloroethane	4.500	97	134618	4.835	ug/L		98
30) Cyclohexane	4.571	56	121179	4.779	ug/L		97
31) Carbon tetrachloride	4.725	117	121510	4.938	ug/L		99
33) Benzene	5.002	78	328307	4.937	ug/L		100
34) Trichloroethene	5.825	95	82816	4.792	ug/L		96
35) Methylcyclohexane	6.040	83	129465	4.915	ug/L		99
37) 1,2-Dichloropropane	6.085	63	84605	4.927	ug/L		98
38) Bromodichloromethane	6.426	83	105933	4.756	ug/L		99
39) cis-1,3-Dichloropropene	6.947	75	109248	4.615	ug/L		99
40) 4-Methyl-2-pentanone	7.149	43	439252	49.437	ug/L		99
42) Toluene	7.307	91	356579	5.145	ug/L		100
44) trans-1,3-Dichloropropene	7.574	75	93370	4.655	ug/L		97
45) 1,1,2-Trichloroethane	7.760	97	59701	4.833	ug/L		97
47) Tetrachloroethene	7.895	164	66595	4.979	ug/L		99
48) 2-Hexanone	8.069	43	334497	51.995	ug/L		100
49) Dibromochloromethane	8.166	129	68080	4.788	ug/L		94
50) 1,2-Dibromoethane	8.275	107	57589	5.011	ug/L		99
51) Chlorobenzene	8.805	112	224631	4.817	ug/L		100
52) Ethylbenzene	8.937	91	371141	4.979	ug/L		98
53) m,p-Xylene	9.063	106	140368	4.967	ug/L		97
54) o-Xylene	9.468	106	134772	5.005	ug/L		100
55) Styrene	9.487	104	239965	5.111	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.169	83	70888	4.713	ug/L		99
59) Bromoform	9.657	173	35323	4.473	ug/L		98
60) Isopropylbenzene	9.857	105	369699	4.852	ug/L		99
61) 1,2,3-Trichloropropane	10.201	75	51145	4.701	ug/L		97
62) 1,3,5-Trimethylbenzene	10.468	105	281834	4.723	ug/L		98
63) 1,2,4-Trimethylbenzene	10.844	105	284804	4.779	ug/L		100
64) 1,3-Dichlorobenzene	11.108	146	184322	4.877	ug/L		99
65) 1,4-Dichlorobenzene	11.201	146	183497	4.695	ug/L		98
67) 1,2-Dichlorobenzene	11.571	146	168327	4.755	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.358	75	9183	4.084	ug/L	#	84
69) 1,3,5-Trichlorobenzene	12.574	180	117696	4.527	ug/L		98
70) 1,2,4-trichlorobenzene	13.188	180	84736	4.385	ug/L		97
71) Naphthalene	13.432	128	97962	3.422	ug/L		98
72) 1,2,3-Trichlorobenzene	13.670	180	73988	4.429	ug/L		97

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

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