Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012125\
Data File : VV038494.D
Acq On : 21 Jan 2025 19:25
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005331

Quant Time: Jan 22 02:59:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 22 02:52:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	233247	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	241153	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	127498	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	78020	4.056	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.200%			
7) Chloroethane-d5	1.532	69	72152	4.467	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.400%			
11) 1,1-Dichloroethene-d2	2.056	65	35448	4.090	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.800%			
20) 2-Butanone-d5	3.809	46	196407	48.549	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.100%			
24) Chloroform-d	4.240	84	167849	4.656	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.200%			
26) 1,2-Dichloroethane-d4	4.937	65	74967	4.538	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.800%			
32) Benzene-d6	4.950	84	312200	4.700	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.000%			
36) 1,2-Dichloropropane-d6	5.982	67	93814	4.647	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.000%			
41) Toluene-d8	7.233	98	282109	4.729	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.600%			
43) trans-1,3-Dichloroprop...	7.551	79	33358	4.517	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.400%			
46) 2-Hexanone-d5	8.021	63	132052	45.324	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.640%			
56) 1,1,2,2-Tetrachloroeth...	10.143	84	79045	4.939	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.800%			
66) 1,2-Dichlorobenzene-d4	11.551	152	98725	4.575	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	125922	4.820	ug/L	100
3) Chloromethane	1.214	50	131324	4.912	ug/L	99
5) Vinyl chloride	1.281	62	134717	4.988	ug/L	96
6) Bromomethane	1.487	94	66515	4.923	ug/L	98
8) Chloroethane	1.548	64	80222	4.957	ug/L	99
9) Trichlorofluoromethane	1.712	101	171400	4.986	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	97855	4.980	ug/L	99
12) 1,1-Dichloroethene	2.066	96	92161	4.765	ug/L	96
13) Acetone	2.146	43	142938	45.409	ug/L	100
14) Carbon disulfide	2.236	76	315417	4.854	ug/L	99
15) Methyl Acetate	2.384	43	36111	4.490	ug/L	92
16) Methylene chloride	2.442	84	101860	4.752	ug/L	97
17) Methyl tert-butyl Ether	2.696	73	192069	4.720	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	98507	4.954	ug/L	96
19) 1,1-Dichloroethane	3.105	63	189446	5.006	ug/L	98
21) 2-Butanone	3.886	43	216112	48.399	ug/L	99
22) cis-1,2-Dichloroethene	3.805	96	98911	4.892	ug/L	95
23) Bromochloromethane	4.143	128	45021	4.894	ug/L	98
25) Chloroform	4.265	83	186979	4.998	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	105881	5.089	ug/L	98
29) 1,1,1-Trichloroethane	4.500	97	160648	5.011	ug/L	96
30) Cyclohexane	4.571	56	149278	5.112	ug/L	98
31) Carbon tetrachloride	4.725	117	139952	4.939	ug/L	100
33) Benzene	5.002	78	407276	5.319	ug/L	100
34) Trichloroethene	5.825	95	101282	5.089	ug/L	98
35) Methylcyclohexane	6.040	83	153028	5.045	ug/L	97
37) 1,2-Dichloropropane	6.082	63	102752	5.196	ug/L	99
38) Bromodichloromethane	6.423	83	128298	5.002	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	132593	4.864	ug/L	98
40) 4-Methyl-2-pentanone	7.149	43	532026	51.996	ug/L	99
42) Toluene	7.307	91	424862	5.324	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	114264	4.947	ug/L	97
45) 1,1,2-Trichloroethane	7.760	97	70969	4.989	ug/L	98
47) Tetrachloroethene	7.895	164	74572	4.841	ug/L	95
48) 2-Hexanone	8.069	43	390614	52.725	ug/L	97
49) Dibromochloromethane	8.165	129	78562	4.798	ug/L	98
50) 1,2-Dibromoethane	8.275	107	66253	5.006	ug/L	99
51) Chlorobenzene	8.805	112	267719	4.985	ug/L	99
52) Ethylbenzene	8.937	91	441065	5.138	ug/L	98
53) m,p-Xylene	9.062	106	168830	5.188	ug/L	94
54) o-Xylene	9.468	106	159568	5.146	ug/L	99
55) Styrene	9.487	104	285164	5.274	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	87669	5.061	ug/L	99
59) Bromoform	9.657	173	38110	4.286	ug/L	97
60) Isopropylbenzene	9.857	105	435416	5.075	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	57541	4.697	ug/L	96
62) 1,3,5-Trimethylbenzene	10.468	105	328282	4.886	ug/L	99
63) 1,2,4-Trimethylbenzene	10.841	105	334472	4.985	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	210799	4.953	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	212284	4.824	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	194083	4.870	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.355	75	11798	4.660	ug/L	89
69) 1,3,5-Trichlorobenzene	12.574	180	138608	4.735	ug/L	100
70) 1,2,4-trichlorobenzene	13.188	180	96098	4.417	ug/L	99
71) Naphthalene	13.432	128	112591	3.493	ug/L	97
72) 1,2,3-Trichlorobenzene	13.670	180	81369	4.326	ug/L	98

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

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