Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021225\
Data File : VY021182.D
Acq On : 12 Feb 2025 16:44
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 13 08:05:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	87	0.00
2	T	Dichlorodifluoromethane	50.000	0.028	99.9#	0	0.01
3	P	Chloromethane	50.000	0.302	99.4#	1	0.00
4	C	Vinyl Chloride	50.000	0.016	100.0#	0	0.20
5	T	Bromomethane	50.000	0.401	99.2#	1	0.01
6	T	Chloroethane	50.000	0.000	100.0#	0	-2.74#
7	T	Trichlorofluoromethane	50.000	0.000	100.0#	0	-3.07#
8	T	Diethyl Ether	50.000	0.053	99.9#	0	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	0.000	100.0#	0	-3.82#
10	T	Methyl Iodide	50.000	0.322	99.4#	1	0.02
11	T	Tert butyl alcohol	250.000	7.236	97.1#	3	-0.02
12	CM	1,1-Dichloroethene	50.000	0.029	99.9#	0	-0.07
13	T	Acrolein	250.000	0.000	100.0#	0	-3.66#
14	T	Allyl chloride	50.000	0.082	99.8#	0	0.00
15	T	Acrylonitrile	250.000	0.074	100.0#	0	0.00
16	T	Acetone	250.000	3.343	98.7#	1	0.00
17	T	Carbon Disulfide	50.000	0.023	100.0#	0	-0.01
18	T	Methyl Acetate	50.000	5.013	90.0#	9	0.04
19	T	Methyl tert-butyl Ether	50.000	0.000	100.0#	0	-5.12#
20	T	Methylene Chloride	50.000	0.700	98.6#	1	0.00
21	T	trans-1,2-Dichloroethene	50.000	0.012	100.0#	0	0.05
22	T	Diisopropyl ether	50.000	0.005	100.0#	0	0.03
23	T	Vinyl Acetate	250.000	0.023	100.0#	0	0.04
24	P	1,1-Dichloroethane	50.000	0.000	100.0#	0	-5.92#
25	T	2-Butanone	250.000	0.897	99.6#	0	0.00
26	T	2,2-Dichloropropane	50.000	0.168	99.7#	0	0.00
27	T	cis-1,2-Dichloroethene	50.000	0.000	100.0#	0	-6.90#
28	T	Bromochloromethane	50.000	0.000	100.0#	0	-7.25#
29	T	Tetrahydrofuran	250.000	0.087	100.0#	0	0.00
30	C	Chloroform	50.000	0.015	100.0#	0	0.01
31	T	Cyclohexane	50.000	1.325	97.3#	2	0.01
32	T	1,1,1-Trichloroethane	50.000	0.025	100.0#	0	0.09
33	S	1,2-Dichloroethane-d4	50.000	59.411	-18.8	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35	S	Dibromofluoromethane	50.000	50.942	-1.9	109	0.00
36	T	1,1-Dichloropropene	50.000	4.447	91.1#	10	-0.12
37	T	Ethyl Acetate	50.000	0.052	99.9#	0	0.00
38	T	Carbon Tetrachloride	50.000	4.915	90.2#	10	-0.10
39	T	Methylcyclohexane	50.000	0.195	99.6#	0	0.20
40	TM	Benzene	50.000	0.014	100.0#	0	0.00
41	T	Methacrylonitrile	50.000	0.072	99.9#	0	0.02
42	TM	1,2-Dichloroethane	50.000	0.117	99.8#	0	0.02
43	T	Isopropyl Acetate	50.000	0.075	99.8#	0	-0.15
44	TM	Trichloroethene	50.000	0.000	100.0#	0	-8.87#
45	C	1,2-Dichloropropane	50.000	11.607	76.8#	25	0.20
46	T	Dibromomethane	50.000	0.948	98.1#	2	0.11
47	T	Bromodichloromethane	50.000	0.007	100.0#	0	0.00
48	T	Methyl methacrylate	50.000	3.046	93.9#	6	0.12

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	35.513	96.4#	4	0.11
50	S	Toluene-d8	50.000	51.336	-2.7	109	0.00
51	T	4-Methyl-2-Pentanone	250.000	1.441	99.4#	1	0.00
52	CM	Toluene	50.000	0.039	99.9#	0	0.01
53	T	t-1,3-Dichloropropene	50.000	1.535	96.9#	3	0.10
54	T	cis-1,3-Dichloropropene	50.000	2.166	95.7#	5	-0.14
55	T	1,1,2-Trichloroethane	50.000	0.535	98.9#	1	-0.02
56	T	Ethyl methacrylate	50.000	0.039	99.9#	0	0.00
57	T	1,3-Dichloropropane	50.000	4.427	91.1#	9	-0.16
58	T	2-Chloroethyl Vinyl ether	250.000	38.336	84.7#	15	0.00
59	T	2-Hexanone	250.000	1.684	99.3#	1	0.00
60	T	Dibromochloromethane	50.000	0.000	100.0#	0	-10.91#
61	T	1,2-Dibromoethane	50.000	0.872	98.3#	2	0.18
62	S	4-Bromofluorobenzene	50.000	53.873	-7.7	112	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	118	0.00
64	T	Tetrachloroethene	50.000	0.021	100.0#	0	-0.13
65	PM	Chlorobenzene	50.000	0.053	99.9#	0	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	0.242	99.5#	1	0.03
67	C	Ethyl Benzene	50.000	0.000	100.0#	0	-11.52#
68	T	m/p-Xylenes	100.000	0.188	99.8#	0	0.00
69	T	o-Xylene	50.000	5.885	88.2#	14	0.12
70	T	Styrene	50.000	0.075	99.8#	0	0.00
71	P	Bromoform	50.000	0.189	99.6#	0	0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73	T	Isopropylbenzene	50.000	28.799	42.4#	59	-0.18
74	T	N-amyl acetate	50.000	1.978	96.0#	4	-0.02
75	P	1,1,2,2-Tetrachloroethane	50.000	12.572	74.9#	26	-0.04
76	T	1,2,3-Trichloropropane	50.000	2.982	94.0#	6	-0.04
77	T	Bromobenzene	50.000	0.081	99.8#	0	0.01
78	T	n-propylbenzene	50.000	14.888	70.2#	30	-0.15
79	T	2-Chlorotoluene	50.000	8.635	82.7#	18	0.02
80	T	1,3,5-Trimethylbenzene	50.000	33.898	32.2#	69	-0.22
81	T	trans-1,4-Dichloro-2-butene	50.000	137.535	-175.1#	275	0.10
82	T	4-Chlorotoluene	50.000	8.475	83.0#	18	-0.07
83	T	tert-Butylbenzene	50.000	37.090	25.8#	74	-0.10
84	T	1,2,4-Trimethylbenzene	50.000	0.080	99.8#	0	0.00
85	T	sec-Butylbenzene	50.000	0.060	99.9#	0	-0.13
86	T	p-Isopropyltoluene	50.000	0.382	99.2#	1	0.02
87	T	1,3-Dichlorobenzene	50.000	31.748	36.5#	66	0.01
88	T	1,4-Dichlorobenzene	50.000	32.244	35.5#	66	-0.07
89	T	n-Butylbenzene	50.000	0.000	100.0#	0	-13.62#
90	T	Hexachloroethane	50.000	0.293	99.4#	1	0.20
91	T	1,2-Dichlorobenzene	50.000	0.125	99.8#	0	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	39.729	20.5	80	-0.19
93	T	1,2,4-Trichlorobenzene	50.000	32.663	34.7#	63	-0.11
94	T	Hexachlorobutadiene	50.000	29.115	41.8#	59	-0.09
95	T	Naphthalene	50.000	41.385	17.2	75	-0.10

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	36.095	27.8#	69	-0.09

(#) = Out of Range SPCC's out = 0 CCC's out = 6