Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022260.D
Acq On : 15 May 2025 13:20
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525

Quant Time: May 16 01:47:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 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	94	0.00
2	T	Dichlorodifluoromethane	50.000	49.432	1.1	96	0.00
3	P	Chloromethane	50.000	48.719	2.6	97	0.00
4	C	Vinyl Chloride	50.000	51.111	-2.2#	98	0.00
5	T	Bromomethane	50.000	48.486	3.0	104	0.00
6	T	Chloroethane	50.000	53.234	-6.5	101	0.00
7	T	Trichlorofluoromethane	50.000	51.174	-2.3	99	0.00
8	T	Diethyl Ether	50.000	52.055	-4.1	100	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.564	-3.1	98	0.00
10	T	Methyl Iodide	50.000	49.606	0.8	85	0.00
11	T	Tert butyl alcohol	250.000	265.144	-6.1	108	0.00
12	CM	1,1-Dichloroethene	50.000	51.487	-3.0#	97	0.00
13	T	Acrolein	250.000	238.362	4.7	97	0.00
14	T	Allyl chloride	50.000	52.817	-5.6	98	0.00
15	T	Acrylonitrile	250.000	265.134	-6.1	102	0.00
16	T	Acetone	250.000	252.660	-1.1	105	0.00
17	T	Carbon Disulfide	50.000	51.765	-3.5	97	0.00
18	T	Methyl Acetate	50.000	59.461	-18.9	120	0.00
19	T	Methyl tert-butyl Ether	50.000	53.096	-6.2	101	0.00
20	T	Methylene Chloride	50.000	47.298	5.4	99	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.552	-3.1	97	0.00
22	T	Diisopropyl ether	50.000	52.085	-4.2	98	0.00
23	T	Vinyl Acetate	250.000	253.098	-1.2	97	0.00
24	P	1,1-Dichloroethane	50.000	51.668	-3.3	97	0.00
25	T	2-Butanone	250.000	255.929	-2.4	103	0.00
26	T	2,2-Dichloropropane	50.000	52.191	-4.4	98	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.479	-5.0	98	0.00
28	T	Bromochloromethane	50.000	52.305	-4.6	99	0.00
29	T	Tetrahydrofuran	250.000	264.847	-5.9	103	0.00
30	C	Chloroform	50.000	52.810	-5.6#	98	0.00
31	T	Cyclohexane	50.000	48.673	2.7	96	0.00
32	T	1,1,1-Trichloroethane	50.000	51.523	-3.0	98	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.104	-4.2	99	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35	S	Dibromofluoromethane	50.000	51.658	-3.3	100	0.00
36	T	1,1-Dichloropropene	50.000	50.457	-0.9	96	0.00
37	T	Ethyl Acetate	50.000	50.633	-1.3	100	0.00
38	T	Carbon Tetrachloride	50.000	50.543	-1.1	97	0.00
39	T	Methylcyclohexane	50.000	50.015	-0.0	96	0.00
40	TM	Benzene	50.000	51.696	-3.4	98	0.00
41	T	Methacrylonitrile	50.000	53.599	-7.2	104	0.02
42	TM	1,2-Dichloroethane	50.000	51.834	-3.7	99	0.00
43	T	Isopropyl Acetate	50.000	51.415	-2.8	101	0.00
44	TM	Trichloroethene	50.000	50.335	-0.7	96	0.00
45	C	1,2-Dichloropropane	50.000	51.417	-2.8#	99	0.00
46	T	Dibromomethane	50.000	51.423	-2.8	101	0.00
47	T	Bromodichloromethane	50.000	52.508	-5.0	100	0.00
48	T	Methyl methacrylate	50.000	51.357	-2.7	101	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1008.479	-0.8	103	0.00
50	S	Toluene-d8	50.000	51.229	-2.5	99	0.00
51	T	4-Methyl-2-Pentanone	250.000	261.463	-4.6	102	0.00
52	CM	Toluene	50.000	51.337	-2.7#	98	0.00
53	T	t-1,3-Dichloropropene	50.000	51.458	-2.9	99	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.916	-3.8	99	0.00
55	T	1,1,2-Trichloroethane	50.000	51.142	-2.3	100	0.00
56	T	Ethyl methacrylate	50.000	50.639	-1.3	98	0.00
57	T	1,3-Dichloropropane	50.000	51.880	-3.8	100	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	271.104	-8.4	98	0.00
59	T	2-Hexanone	250.000	257.738	-3.1	103	0.00
60	T	Dibromochloromethane	50.000	52.425	-4.8	100	0.00
61	T	1,2-Dibromoethane	50.000	51.428	-2.9	100	0.00
62	S	4-Bromofluorobenzene	50.000	51.020	-2.0	100	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64	T	Tetrachloroethene	50.000	46.905	6.2	91	0.00
65	PM	Chlorobenzene	50.000	49.827	0.3	97	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.656	0.7	97	0.00
67	C	Ethyl Benzene	50.000	50.100	-0.2#	97	0.00
68	T	m/p-Xylenes	100.000	101.087	-1.1	98	0.00
69	T	o-Xylene	50.000	50.682	-1.4	99	0.00
70	T	Styrene	50.000	50.471	-0.9	98	0.00
71	P	Bromoform	50.000	51.022	-2.0	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	49.964	0.1	98	0.00
74	T	N-amyl acetate	50.000	49.805	0.4	101	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.062	-6.1	107	0.00
76	T	1,2,3-Trichloropropane	50.000	53.564	-7.1	107	0.00
77	T	Bromobenzene	50.000	49.374	1.3	97	0.00
78	T	n-propylbenzene	50.000	50.296	-0.6	97	0.00
79	T	2-Chlorotoluene	50.000	50.130	-0.3	97	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.632	0.7	96	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.231	1.5	103	0.00
82	T	4-Chlorotoluene	50.000	50.661	-1.3	97	0.00
83	T	tert-Butylbenzene	50.000	49.715	0.6	97	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.535	-1.1	97	0.00
85	T	sec-Butylbenzene	50.000	50.000	0.0	95	0.00
86	T	p-Isopropyltoluene	50.000	50.219	-0.4	97	0.00
87	T	1,3-Dichlorobenzene	50.000	49.718	0.6	97	0.00
88	T	1,4-Dichlorobenzene	50.000	49.669	0.7	98	0.00
89	T	n-Butylbenzene	50.000	50.402	-0.8	95	0.00
90	T	Hexachloroethane	50.000	49.502	1.0	96	0.00
91	T	1,2-Dichlorobenzene	50.000	49.954	0.1	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.028	-0.1	102	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.794	2.4	94	0.00
94	T	Hexachlorobutadiene	50.000	47.770	4.5	92	0.00
95	T	Naphthalene	50.000	48.421	3.2	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.060	3.9	94	0.00

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