Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
Data File : VY019164.D
Acq On : 20 Aug 2024 20:29
Operator : SY/MD
Sample : VSTDCCC050
Misc : 8.42g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 21 01:35:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
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	84	0.00
2	T	Dichlorodifluoromethane	50.000	39.317	21.4	64	0.00
3	P	Chloromethane	50.000	41.997	16.0	72	0.00
4	C	Vinyl Chloride	50.000	44.555	10.9#	76	0.00
5	T	Bromomethane	50.000	56.777	-13.6	88	0.00
6	T	Chloroethane	50.000	47.823	4.4	82	0.00
7	T	Trichlorofluoromethane	50.000	41.484	17.0	71	0.00
8	T	Diethyl Ether	50.000	45.315	9.4	79	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	43.539	12.9	76	0.01
10	T	Methyl Iodide	50.000	49.730	0.5	75	0.01
11	T	Tert butyl alcohol	250.000	216.749	13.3	74	0.00
12	CM	1,1-Dichloroethene	50.000	45.240	9.5#	78	0.00
13	T	Acrolein	250.000	198.961	20.4	68	0.01
14	T	Allyl chloride	50.000	46.078	7.8	77	0.00
15	T	Acrylonitrile	250.000	239.097	4.4	77	0.00
16	T	Acetone	250.000	207.110	17.2	67	0.00
17	T	Carbon Disulfide	50.000	46.183	7.6	78	0.00
18	T	Methyl Acetate	50.000	46.760	6.5	80	0.00
19	T	Methyl tert-butyl Ether	50.000	46.898	6.2	77	0.01
20	T	Methylene Chloride	50.000	46.690	6.6	77	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.123	5.8	78	0.00
22	T	Diisopropyl ether	50.000	46.731	6.5	78	0.00
23	T	Vinyl Acetate	250.000	235.674	5.7	77	0.00
24	P	1,1-Dichloroethane	50.000	45.889	8.2	79	0.00
25	T	2-Butanone	250.000	223.871	10.5	73	0.01
26	T	2,2-Dichloropropane	50.000	40.853	18.3	70	0.01
27	T	cis-1,2-Dichloroethene	50.000	47.715	4.6	80	0.00
28	T	Bromochloromethane	50.000	49.293	1.4	88	0.01
29	T	Tetrahydrofuran	250.000	234.615	6.2	78	0.00
30	C	Chloroform	50.000	47.946	4.1#	80	0.00
31	T	Cyclohexane	50.000	47.982	4.0	78	0.00
32	T	1,1,1-Trichloroethane	50.000	46.906	6.2	78	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.051	3.9	85	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35	S	Dibromofluoromethane	50.000	48.671	2.7	85	0.00
36	T	1,1-Dichloropropene	50.000	46.625	6.8	82	0.00
37	T	Ethyl Acetate	50.000	49.734	0.5	79	0.00
38	T	Carbon Tetrachloride	50.000	46.750	6.5	78	0.00
39	T	Methylcyclohexane	50.000	45.009	10.0	77	0.00
40	TM	Benzene	50.000	47.771	4.5	82	0.00
41	T	Methacrylonitrile	50.000	42.645	14.7	67	-0.02
42	TM	1,2-Dichloroethane	50.000	46.128	7.7	77	0.00
43	T	Isopropyl Acetate	50.000	46.184	7.6	77	0.00
44	TM	Trichloroethene	50.000	45.171	9.7	79	0.00
45	C	1,2-Dichloropropane	50.000	45.979	8.0#	79	0.00
46	T	Dibromomethane	50.000	48.409	3.2	80	0.00
47	T	Bromodichloromethane	50.000	48.117	3.8	82	0.00
48	T	Methyl methacrylate	50.000	48.326	3.3	79	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	945.384	5.5	80	0.00
50	S	Toluene-d8	50.000	51.262	-2.5	92	0.00
51	T	4-Methyl-2-Pentanone	250.000	241.475	3.4	77	0.00
52	CM	Toluene	50.000	48.288	3.4#	83	0.00
53	T	t-1,3-Dichloropropene	50.000	47.476	5.0	79	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.179	7.6	75	0.00
55	T	1,1,2-Trichloroethane	50.000	47.921	4.2	81	0.00
56	T	Ethyl methacrylate	50.000	47.371	5.3	76	0.00
57	T	1,3-Dichloropropane	50.000	47.982	4.0	80	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	266.431	-6.6	91	0.00
59	T	2-Hexanone	250.000	235.698	5.7	76	0.00
60	T	Dibromochloromethane	50.000	49.177	1.6	82	0.00
61	T	1,2-Dibromoethane	50.000	49.524	1.0	82	0.00
62	S	4-Bromofluorobenzene	50.000	49.761	0.5	85	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64	T	Tetrachloroethene	50.000	48.667	2.7	88	0.00
65	PM	Chlorobenzene	50.000	47.016	6.0	83	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.241	5.5	82	0.00
67	C	Ethyl Benzene	50.000	47.703	4.6#	83	0.00
68	T	m/p-Xylenes	100.000	95.060	4.9	82	0.00
69	T	o-Xylene	50.000	47.838	4.3	80	0.00
70	T	Styrene	50.000	48.863	2.3	82	0.00
71	P	Bromoform	50.000	49.422	1.2	82	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73	T	Isopropylbenzene	50.000	48.960	2.1	81	0.00
74	T	N-amyl acetate	50.000	47.190	5.6	75	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.130	7.7	77	0.00
76	T	1,2,3-Trichloropropane	50.000	49.202	1.6	85	0.00
77	T	Bromobenzene	50.000	48.250	3.5	81	0.00
78	T	n-propylbenzene	50.000	47.836	4.3	80	0.00
79	T	2-Chlorotoluene	50.000	48.237	3.5	80	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.898	2.2	81	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.863	8.3	75	0.00
82	T	4-Chlorotoluene	50.000	47.333	5.3	79	0.00
83	T	tert-Butylbenzene	50.000	47.911	4.2	80	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.032	3.9	79	0.00
85	T	sec-Butylbenzene	50.000	47.685	4.6	79	0.00
86	T	p-Isopropyltoluene	50.000	48.505	3.0	80	0.00
87	T	1,3-Dichlorobenzene	50.000	48.117	3.8	81	0.00
88	T	1,4-Dichlorobenzene	50.000	47.697	4.6	80	0.00
89	T	n-Butylbenzene	50.000	46.402	7.2	75	0.00
90	T	Hexachloroethane	50.000	49.566	0.9	81	0.00
91	T	1,2-Dichlorobenzene	50.000	47.146	5.7	78	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	42.996	14.0	70	0.00
93	T	1,2,4-Trichlorobenzene	50.000	42.804	14.4	69	0.00
94	T	Hexachlorobutadiene	50.000	45.261	9.5	71	0.00
95	T	Naphthalene	50.000	45.851	8.3	68	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.426	9.1	71	0.00

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