Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072924\
Data File : VD079446.D
Acq On : 29 Jul 2024 19:57
Operator : RP/MD
Sample : VSTDICV050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD072924

Quant Time: Jul 30 03:22:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:20:36 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	92	0.00
2	T	Dichlorodifluoromethane	50.000	45.085	9.8	84	0.00
3	P	Chloromethane	50.000	44.568	10.9	85	0.00
4	C	Vinyl Chloride	50.000	45.874	8.3#	83	0.00
5	T	Bromomethane	50.000	47.819	4.4	86	0.00
6	T	Chloroethane	50.000	42.612	14.8	82	0.00
7	T	Trichlorofluoromethane	50.000	45.852	8.3	82	0.00
8	T	Diethyl Ether	50.000	48.473	3.1	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.707	8.6	82	0.00
10	T	Methyl Iodide	50.000	45.075	9.8	74	0.00
11	T	Tert butyl alcohol	250.000	301.119	-20.4	126	0.02
12	CM	1,1-Dichloroethene	50.000	46.676	6.6#	83	0.01
13	T	Acrolein	250.000	306.557	-22.6	128	0.00
14	T	Allyl chloride	50.000	47.456	5.1	86	0.00
15	T	Acrylonitrile	250.000	245.121	2.0	110	0.00
16	T	Acetone	250.000	216.346	13.5	91	0.00
17	T	Carbon Disulfide	50.000	45.909	8.2	81	0.00
18	T	Methyl Acetate	50.000	47.516	5.0	111	0.00
19	T	Methyl tert-butyl Ether	50.000	50.746	-1.5	103	0.00
20	T	Methylene Chloride	50.000	51.561	-3.1	92	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.404	5.2	84	0.00
22	T	Diisopropyl ether	50.000	49.721	0.6	92	0.00
23	T	Vinyl Acetate	250.000	255.162	-2.1	101	0.00
24	P	1,1-Dichloroethane	50.000	46.536	6.9	85	0.00
25	T	2-Butanone	250.000	244.529	2.2	109	-0.01
26	T	2,2-Dichloropropane	50.000	44.596	10.8	79	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.334	5.3	84	0.00
28	T	Bromochloromethane	50.000	44.623	10.8	96	0.00
29	T	Tetrahydrofuran	250.000	258.479	-3.4	117	0.00
30	C	Chloroform	50.000	46.584	6.8#	86	0.00
31	T	Cyclohexane	50.000	45.878	8.2	84	0.00
32	T	1,1,1-Trichloroethane	50.000	46.065	7.9	82	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.204	7.6	93	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35	S	Dibromofluoromethane	50.000	45.489	9.0	88	0.00
36	T	1,1-Dichloropropene	50.000	46.847	6.3	82	0.00
37	T	Ethyl Acetate	50.000	50.368	-0.7	111	0.00
38	T	Carbon Tetrachloride	50.000	46.212	7.6	82	0.00
39	T	Methylcyclohexane	50.000	49.490	1.0	86	0.00
40	TM	Benzene	50.000	46.818	6.4	84	0.00
41	T	Methacrylonitrile	50.000	43.392	13.2	106	-0.02
42	TM	1,2-Dichloroethane	50.000	47.818	4.4	95	0.00
43	T	Isopropyl Acetate	50.000	49.099	1.8	108	0.00
44	TM	Trichloroethene	50.000	46.005	8.0	83	0.00
45	C	1,2-Dichloropropane	50.000	48.030	3.9#	89	0.00
46	T	Dibromomethane	50.000	48.610	2.8	98	0.00
47	T	Bromodichloromethane	50.000	47.812	4.4	91	0.00
48	T	Methyl methacrylate	50.000	52.346	-4.7	109	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1017.673	-1.8	109	-0.01
50	S	Toluene-d8	50.000	46.144	7.7	85	0.00
51	T	4-Methyl-2-Pentanone	250.000	258.947	-3.6	115	0.00
52	CM	Toluene	50.000	47.478	5.0#	83	0.00
53	T	t-1,3-Dichloropropene	50.000	48.294	3.4	94	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.128	3.7	90	0.00
55	T	1,1,2-Trichloroethane	50.000	46.678	6.6	94	0.00
56	T	Ethyl methacrylate	50.000	51.964	-3.9	105	0.00
57	T	1,3-Dichloropropane	50.000	48.641	2.7	98	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	262.573	-5.0	109	0.00
59	T	2-Hexanone	250.000	260.001	-4.0	111	0.00
60	T	Dibromochloromethane	50.000	48.558	2.9	96	0.00
61	T	1,2-Dibromoethane	50.000	49.286	1.4	100	0.00
62	S	4-Bromofluorobenzene	50.000	47.503	5.0	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64	T	Tetrachloroethene	50.000	45.909	8.2	83	0.00
65	PM	Chlorobenzene	50.000	46.256	7.5	86	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.432	3.1	90	0.00
67	C	Ethyl Benzene	50.000	48.654	2.7#	85	0.00
68	T	m/p-Xylenes	100.000	96.993	3.0	85	0.00
69	T	o-Xylene	50.000	48.497	3.0	85	0.00
70	T	Styrene	50.000	49.503	1.0	87	0.00
71	P	Bromoform	50.000	47.878	4.2	101	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	43.584	12.8	84	0.00
74	T	N-amyl acetate	50.000	50.839	-1.7	112	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.652	2.7	108	0.00
76	T	1,2,3-Trichloropropane	50.000	44.555	10.9	112	0.00
77	T	Bromobenzene	50.000	46.950	6.1	90	0.00
78	T	n-propylbenzene	50.000	48.293	3.4	86	0.00
79	T	2-Chlorotoluene	50.000	47.338	5.3	86	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.119	3.8	85	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.627	2.7	110	0.00
82	T	4-Chlorotoluene	50.000	47.843	4.3	88	0.00
83	T	tert-Butylbenzene	50.000	44.171	11.7	87	0.00
84	T	1,2,4-Trimethylbenzene	50.000	44.730	10.5	87	0.00
85	T	sec-Butylbenzene	50.000	48.114	3.8	86	0.00
86	T	p-Isopropyltoluene	50.000	44.178	11.6	87	0.00
87	T	1,3-Dichlorobenzene	50.000	47.158	5.7	91	0.00
88	T	1,4-Dichlorobenzene	50.000	46.899	6.2	92	0.00
89	T	n-Butylbenzene	50.000	44.189	11.6	87	0.00
90	T	Hexachloroethane	50.000	46.176	7.6	86	0.00
91	T	1,2-Dichlorobenzene	50.000	47.529	4.9	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.105	1.8	110	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.320	5.4	96	0.00
94	T	Hexachlorobutadiene	50.000	46.579	6.8	88	0.00
95	T	Naphthalene	50.000	51.409	-2.8	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.632	4.7	99	0.00

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