Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083024\
Data File : VD079754.D
Acq On : 30 Aug 2024 14:43
Operator : RP/MD
Sample : VSTDICV050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD083024

Quant Time: Aug 31 04:42:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 15:57:30 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	101	0.00
2	T	Dichlorodifluoromethane	50.000	46.580	6.8	104	0.00
3	P	Chloromethane	50.000	46.269	7.5	102	0.00
4	C	Vinyl Chloride	50.000	45.376	9.2#	96	0.00
5	T	Bromomethane	50.000	45.451	9.1	102	0.00
6	T	Chloroethane	50.000	45.282	9.4	97	0.00
7	T	Trichlorofluoromethane	50.000	46.137	7.7	99	0.00
8	T	Diethyl Ether	50.000	44.887	10.2	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.019	6.0	101	0.00
10	T	Methyl Iodide	50.000	45.477	9.0	88	0.00
11	T	Tert butyl alcohol	250.000	206.532	17.4	85	0.00
12	CM	1,1-Dichloroethene	50.000	48.368	3.3#	101	0.00
13	T	Acrolein	250.000	248.226	0.7	113	0.00
14	T	Allyl chloride	50.000	50.263	-0.5	103	0.00
15	T	Acrylonitrile	250.000	240.288	3.9	100	0.00
16	T	Acetone	250.000	280.163	-12.1	111	0.00
17	T	Carbon Disulfide	50.000	47.046	5.9	99	0.00
18	T	Methyl Acetate	50.000	40.629	18.7	88	0.00
19	T	Methyl tert-butyl Ether	50.000	48.634	2.7	98	0.00
20	T	Methylene Chloride	50.000	46.704	6.6	97	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.168	5.7	98	0.00
22	T	Diisopropyl ether	50.000	49.990	0.0	98	0.00
23	T	Vinyl Acetate	250.000	260.937	-4.4	106	0.00
24	P	1,1-Dichloroethane	50.000	46.963	6.1	99	0.00
25	T	2-Butanone	250.000	250.828	-0.3	103	0.00
26	T	2,2-Dichloropropane	50.000	48.313	3.4	100	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.309	5.4	98	0.00
28	T	Bromochloromethane	50.000	50.469	-0.9	109	0.00
29	T	Tetrahydrofuran	250.000	241.722	3.3	97	0.00
30	C	Chloroform	50.000	46.020	8.0#	96	0.00
31	T	Cyclohexane	50.000	48.010	4.0	98	0.00
32	T	1,1,1-Trichloroethane	50.000	46.753	6.5	96	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.555	0.9	101	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35	S	Dibromofluoromethane	50.000	50.809	-1.6	101	0.00
36	T	1,1-Dichloropropene	50.000	50.556	-1.1	98	0.00
37	T	Ethyl Acetate	50.000	50.201	-0.4	101	0.00
38	T	Carbon Tetrachloride	50.000	47.184	5.6	96	0.00
39	T	Methylcyclohexane	50.000	51.481	-3.0	100	0.00
40	TM	Benzene	50.000	47.915	4.2	96	0.00
41	T	Methacrylonitrile	50.000	49.145	1.7	92	0.00
42	TM	1,2-Dichloroethane	50.000	46.268	7.5	94	0.00
43	T	Isopropyl Acetate	50.000	50.499	-1.0	102	0.00
44	TM	Trichloroethene	50.000	47.226	5.5	99	0.00
45	C	1,2-Dichloropropane	50.000	47.818	4.4#	96	0.00
46	T	Dibromomethane	50.000	47.025	6.0	98	0.00
47	T	Bromodichloromethane	50.000	45.976	8.0	95	0.00
48	T	Methyl methacrylate	50.000	49.755	0.5	101	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	805.632	19.4	79	0.00
50	S	Toluene-d8	50.000	52.219	-4.4	99	0.00
51	T	4-Methyl-2-Pentanone	250.000	251.776	-0.7	100	0.00
52	CM	Toluene	50.000	49.283	1.4#	96	0.00
53	T	t-1,3-Dichloropropene	50.000	47.601	4.8	96	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.321	3.4	96	0.00
55	T	1,1,2-Trichloroethane	50.000	46.207	7.6	95	0.00
56	T	Ethyl methacrylate	50.000	50.729	-1.5	102	0.00
57	T	1,3-Dichloropropane	50.000	46.624	6.8	95	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	265.841	-6.3	110	0.00
59	T	2-Hexanone	250.000	237.234	5.1	101	0.00
60	T	Dibromochloromethane	50.000	45.426	9.1	93	0.00
61	T	1,2-Dibromoethane	50.000	47.104	5.8	96	0.00
62	S	4-Bromofluorobenzene	50.000	52.702	-5.4	101	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64	T	Tetrachloroethene	50.000	47.842	4.3	97	0.00
65	PM	Chlorobenzene	50.000	47.111	5.8	94	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	46.122	7.8	93	0.00
67	C	Ethyl Benzene	50.000	50.018	-0.0#	96	0.00
68	T	m/p-Xylenes	100.000	100.446	-0.4	95	0.00
69	T	o-Xylene	50.000	49.123	1.8	95	0.00
70	T	Styrene	50.000	50.061	-0.1	94	0.00
71	P	Bromoform	50.000	46.397	7.2	95	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	52.105	-4.2	97	0.00
74	T	N-amyl acetate	50.000	54.337	-8.7	105	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.463	5.1	94	0.00
76	T	1,2,3-Trichloropropane	50.000	48.434	3.1	79	0.00
77	T	Bromobenzene	50.000	47.586	4.8	91	0.00
78	T	n-propylbenzene	50.000	52.872	-5.7	97	0.00
79	T	2-Chlorotoluene	50.000	50.733	-1.5	95	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.372	-4.7	96	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.490	1.0	97	0.00
82	T	4-Chlorotoluene	50.000	52.172	-4.3	97	0.00
83	T	tert-Butylbenzene	50.000	52.389	-4.8	96	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.681	-3.4	94	0.00
85	T	sec-Butylbenzene	50.000	54.502	-9.0	99	0.00
86	T	p-Isopropyltoluene	50.000	48.266	3.5	98	0.00
87	T	1,3-Dichlorobenzene	50.000	48.730	2.5	95	0.00
88	T	1,4-Dichlorobenzene	50.000	47.122	5.8	93	0.00
89	T	n-Butylbenzene	50.000	54.841	-9.7	100	0.00
90	T	Hexachloroethane	50.000	47.900	4.2	92	0.00
91	T	1,2-Dichlorobenzene	50.000	47.668	4.7	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.731	10.5	87	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.002	-2.0	99	0.00
94	T	Hexachlorobutadiene	50.000	51.840	-3.7	101	0.00
95	T	Naphthalene	50.000	52.228	-4.5	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.825	-1.7	96	0.00

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