Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121222\
Data File : VX033369.D
Acq On : 12 Dec 2022 12:55
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121222

Quant Time: Dec 13 07:30:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Dec 12 12:37:35 2022
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	Bromochloromethane	30.000	30.000	0.0	105	0.00
2	M	Dichlorodifluoromethane	20.000	21.769	-8.8	109	0.00
3	M	Chloromethane	20.000	22.214	-11.1	115	0.00
4	M	Vinyl Chloride	20.000	21.546	-7.7	112	0.00
5	M	Bromomethane	20.000	22.211	-11.1	117	0.00
6	M	Chloroethane	20.000	20.795	-4.0	103	0.00
7	M	Trichlorofluoromethane	20.000	21.099	-5.5	106	0.00
8	T	Diethyl Ether	20.000	15.650	21.7	74	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	22.844	-14.2	110	0.00
10	M	1,1-Dichloroethene	20.000	22.784	-13.9	111	0.00
11		Methyl Iodide	20.000	20.681	-3.4	104	0.00
12		Methyl Acetate	20.000	21.445	-7.2	110	0.00
13	M	Acrolein	100.000	87.247	12.8	84	0.00
14	M	Acrylonitrile	100.000	106.855	-6.9	112	0.00
15	M	Acetone	100.000	116.716	-16.7	105	0.00
16	M	Carbon Disulfide	20.000	21.457	-7.3	108	0.00
17		Allyl chloride	20.000	21.247	-6.2	110	0.00
18	M	Methylene Chloride	20.000	21.515	-7.6	112	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.982	-4.9	110	0.00
20	T	Diisopropyl ether	20.000	21.211	-6.1	109	0.00
21	M	1,1-Dichloroethane	20.000	21.307	-6.5	111	0.00
22	M	cis-1,2-Dichloroethene	20.000	21.211	-6.1	111	0.00
23	M	tert-Butyl Alcohol	100.000	113.100	-13.1	117	0.00
24	M	Methyl tert-Butyl Ether	20.000	21.128	-5.6	110	0.00
25	M	Chloroform	20.000	21.123	-5.6	108	0.00
26		Cyclohexane	20.000	21.416	-7.1	112	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.453	1.8	101	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	105	0.00
29		1,1-Dichloropropene	20.000	21.525	-7.6	111	0.00
30	M	2-Butanone	100.000	107.237	-7.2	105	0.00
31		2,2-Dichloropropane	20.000	20.808	-4.0	109	0.00
32	M	1,1,1-Trichloroethane	20.000	21.100	-5.5	108	0.00
33	M	Carbon Tetrachloride	20.000	21.058	-5.3	108	0.00
34	M	Benzene	20.000	21.228	-6.1	111	0.00
35		Methacrylonitrile	20.000	21.436	-7.2	113	0.00
36	M	1,2-Dichloroethane	20.000	21.198	-6.0	105	0.00
37	M	Trichloroethene	20.000	21.629	-8.1	112	0.00
38		Methylcyclohexane	20.000	21.322	-6.6	113	0.00
39	M	1,2-Dichloropropane	20.000	21.136	-5.7	110	0.00
40		Dibromomethane	20.000	21.375	-6.9	112	0.00
41	M	Bromodichloromethane	20.000	20.983	-4.9	107	0.00
42	M	Vinyl Acetate	100.000	106.971	-7.0	111	0.00
43		Ethyl Acetate	20.000	21.180	-5.9	110	0.00
44		Isopropyl Acetate	20.000	20.735	-3.7	107	0.00
45	T	1,4-Dioxane	400.000	459.092	-14.8	112	-0.01
46		Methyl methacrylate	20.000	21.309	-6.5	110	0.00
47		n-amyl Acetate	20.000	21.613	-8.1	112	0.00
48	M	t-1,3-Dichloropropene	20.000	20.452	-2.3	106	0.00

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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)
49	T	cis-1,3-Dichloropropene	20.000	20.744	-3.7	109	0.00
50	M	1,1,2-Trichloroethane	20.000	21.460	-7.3	110	0.00
51		Ethyl methacrylate	20.000	21.392	-7.0	113	0.00
52		1,3-Dichloropropane	20.000	21.660	-8.3	111	0.00
53	M	Dibromochloromethane	20.000	20.577	-2.9	106	0.00
54	M	1,2-Dibromoethane	20.000	21.244	-6.2	109	0.00
55	M	2-Chloroethyl vinyl ether	100.000	100.576	-0.6	112	0.00
56	M	Bromoform	20.000	20.382	-1.9	106	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	107	0.00
58	M	4-Methyl-2-Pentanone	100.000	105.641	-5.6	108	0.00
59	M	2-Hexanone	100.000	109.236	-9.2	107	0.00
60	S	4-Bromofluorobenzene	30.000	30.002	-0.0	106	0.00
61	M	Tetrachloroethene	20.000	21.168	-5.8	110	0.00
62	M	Toluene	20.000	21.090	-5.4	109	0.00
63	S	Toluene-d8	30.000	30.022	-0.1	106	0.00
64	M	Chlorobenzene	20.000	21.218	-6.1	111	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.805	-4.0	107	0.00
66	M	Ethyl Benzene	20.000	21.373	-6.9	110	0.00
67	M	m/p-Xylenes	40.000	42.609	-6.5	111	0.00
68	M	o-Xylene	20.000	21.330	-6.6	111	0.00
69	M	Styrene	20.000	21.141	-5.7	109	0.00
70		Isopropylbenzene	20.000	21.527	-7.6	111	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	21.553	-7.8	111	0.00
72		1,2,3-Trichloropropane	20.000	21.843	-9.2	109	0.00
73		Bromobenzene	20.000	21.543	-7.7	113	0.00
74		n-propylbenzene	20.000	21.528	-7.6	112	0.00
75		2-Chlorotoluene	20.000	21.434	-7.2	111	0.00
76		1,3,5-Trimethylbenzene	20.000	21.869	-9.3	113	0.00
77		t-1,4-Dichloro-2-butene	20.000	19.612	1.9	104	0.00
78		4-Chlorotoluene	20.000	21.429	-7.1	109	0.00
79		tert-butylbenzene	20.000	21.672	-8.4	111	0.00
80		1,2,4-Trimethylbenzene	20.000	22.152	-10.8	113	0.00
81		sec-Butylbenzene	20.000	21.700	-8.5	112	0.00
82		p-Isopropyltoluene	20.000	21.655	-8.3	112	0.00
83	M	1,3-Dichlorobenzene	20.000	21.851	-9.3	113	0.00
84	M	1,4-Dichlorobenzene	20.000	21.761	-8.8	114	0.00
85		n-Butylbenzene	20.000	21.540	-7.7	116	0.00
86	T	Hexachloroethane	20.000	19.895	0.5	106	0.00
87	M	1,2-Dichlorobenzene	20.000	21.724	-8.6	112	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	20.926	-4.6	107	0.00
89		1,2,4-Trichlorobenzene	20.000	21.829	-9.1	118	0.00
90		Hexachlorobutadiene	20.000	22.496	-12.5	118	0.00
91	M	Naphthalene	20.000	21.913	-9.6	116	0.00
92		1,2,3-Trichlorobenzene	20.000	21.635	-8.2	116	0.00

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