Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110421\
Data File : VX025062.D
Acq On : 03 Nov 2021 20:32
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX110421

Quant Time: Nov 03 23:55:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X110421W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Nov 03 23:52:56 2021
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	102	-0.01
2	M	Dichlorodifluoromethane	20.000	21.962	-9.8	106	0.00
3	M	Chloromethane	20.000	21.137	-5.7	96	0.00
4	M	Vinyl Chloride	20.000	21.232	-6.2	104	0.00
5	M	Bromomethane	20.000	20.487	-2.4	92	0.00
6	M	Chloroethane	20.000	22.497	-12.5	100	0.00
7	M	Trichlorofluoromethane	20.000	21.918	-9.6	106	0.00
8	T	Diethyl Ether	20.000	21.613	-8.1	105	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.986	-4.9	107	0.00
10	M	1,1-Dichloroethene	20.000	20.252	-1.3	99	0.00
11		Methyl Iodide	20.000	20.850	-4.3	128	0.00
12		Methyl Acetate	20.000	20.673	-3.4	100	0.00
13	M	Acrolein	100.000	100.951	-1.0	112	0.00
14	M	Acrylonitrile	100.000	105.735	-5.7	100	0.00
15	M	Acetone	100.000	99.989	0.0	93	0.00
16	M	Carbon Disulfide	20.000	21.043	-5.2	105	0.00
17		Allyl chloride	20.000	21.019	-5.1	104	0.00
18	M	Methylene Chloride	20.000	20.507	-2.5	97	0.00
19	M	trans-1,2-Dichloroethene	20.000	21.633	-8.2	106	0.00
20	T	Diisopropyl ether	20.000	21.613	-8.1	103	0.00
21	M	1,1-Dichloroethane	20.000	21.599	-8.0	103	0.00
22	M	cis-1,2-Dichloroethene	20.000	21.255	-6.3	104	0.00
23	M	tert-Butyl Alcohol	100.000	94.061	5.9	87	0.00
24	M	Methyl tert-Butyl Ether	20.000	21.237	-6.2	101	0.00
25	M	Chloroform	20.000	20.870	-4.4	99	0.00
26		Cyclohexane	20.000	21.096	-5.5	102	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.451	1.8	101	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	101	0.00
29		1,1-Dichloropropene	20.000	21.699	-8.5	100	0.00
30	M	2-Butanone	100.000	106.169	-6.2	97	0.00
31		2,2-Dichloropropane	20.000	21.454	-7.3	99	0.00
32	M	1,1,1-Trichloroethane	20.000	21.436	-7.2	104	0.00
33	M	Carbon Tetrachloride	20.000	21.748	-8.7	106	0.00
34	M	Benzene	20.000	21.761	-8.8	103	0.00
35		Methacrylonitrile	20.000	21.265	-6.3	101	-0.08
36	M	1,2-Dichloroethane	20.000	21.171	-5.9	100	0.00
37	M	Trichloroethene	20.000	21.376	-6.9	107	0.00
38		Methylcyclohexane	20.000	22.409	-12.0	107	0.00
39	M	1,2-Dichloropropane	20.000	20.917	-4.6	105	0.00
40		Dibromomethane	20.000	20.907	-4.5	102	0.00
41	M	Bromodichloromethane	20.000	20.429	-2.1	100	0.00
42	M	Vinyl Acetate	100.000	105.204	-5.2	98	0.00
43		Ethyl Acetate	20.000	20.913	-4.6	97	0.00
44		Isopropyl Acetate	20.000	21.786	-8.9	106	0.00
45	T	1,4-Dioxane	400.000	449.905	-12.5	106	-0.01
46		Methyl methacrylate	20.000	20.212	-1.1	96	0.00
47		n-amyl Acetate	20.000	20.457	-2.3	100	0.00
48	M	t-1,3-Dichloropropene	20.000	19.990	0.1	98	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	21.436	-7.2	104	0.00
50	M	1,1,2-Trichloroethane	20.000	20.927	-4.6	102	0.00
51		Ethyl methacrylate	20.000	21.174	-5.9	104	0.00
52		1,3-Dichloropropane	20.000	20.850	-4.3	99	0.00
53	M	Dibromochloromethane	20.000	21.232	-6.2	105	0.00
54	M	1,2-Dibromoethane	20.000	20.838	-4.2	101	0.00
55	M	2-Chloroethyl vinyl ether	100.000	103.976	-4.0	105	0.00
56	M	Bromoform	20.000	22.063	-10.3	112	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58	M	4-Methyl-2-Pentanone	100.000	110.655	-10.7	100	0.00
59	M	2-Hexanone	100.000	110.431	-10.4	100	0.00
60	S	4-Bromofluorobenzene	30.000	30.841	-2.8	100	0.00
61	M	Tetrachloroethene	20.000	22.337	-11.7	107	0.00
62	M	Toluene	20.000	21.774	-8.9	102	0.00
63	S	Toluene-d8	30.000	30.977	-3.3	101	0.00
64	M	Chlorobenzene	20.000	21.404	-7.0	100	0.00
65		1,1,1,2-Tetrachloroethane	20.000	21.620	-8.1	99	0.00
66	M	Ethyl Benzene	20.000	21.822	-9.1	101	0.00
67	M	m/p-Xylenes	40.000	44.706	-11.8	106	0.00
68	M	o-Xylene	20.000	22.996	-15.0	107	0.00
69	M	Styrene	20.000	22.274	-11.4	107	0.00
70		Isopropylbenzene	20.000	22.164	-10.8	104	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	21.608	-8.0	100	0.00
72		1,2,3-Trichloropropane	20.000	21.741	-8.7	100	0.00
73		Bromobenzene	20.000	21.437	-7.2	103	0.00
74		n-propylbenzene	20.000	21.653	-8.3	100	0.00
75		2-Chlorotoluene	20.000	21.754	-8.8	102	0.00
76		1,3,5-Trimethylbenzene	20.000	21.924	-9.6	102	0.00
77		t-1,4-Dichloro-2-butene	20.000	20.721	-3.6	103	0.00
78		4-Chlorotoluene	20.000	21.584	-7.9	100	0.00
79		tert-butylbenzene	20.000	21.774	-8.9	101	0.00
80		1,2,4-Trimethylbenzene	20.000	22.145	-10.7	101	0.00
81		sec-Butylbenzene	20.000	22.229	-11.1	103	0.00
82		p-Isopropyltoluene	20.000	22.037	-10.2	102	0.00
83	M	1,3-Dichlorobenzene	20.000	21.983	-9.9	105	0.00
84	M	1,4-Dichlorobenzene	20.000	21.842	-9.2	105	0.00
85		n-Butylbenzene	20.000	21.441	-7.2	102	0.00
86	T	Hexachloroethane	20.000	21.570	-7.9	105	0.00
87	M	1,2-Dichlorobenzene	20.000	21.691	-8.5	101	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	20.485	-2.4	100	0.00
89		1,2,4-Trichlorobenzene	20.000	21.942	-9.7	102	0.00
90		Hexachlorobutadiene	20.000	22.038	-10.2	105	0.00
91	M	Naphthalene	20.000	21.381	-6.9	101	0.00
92		1,2,3-Trichlorobenzene	20.000	22.087	-10.4	104	0.00

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