Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071924\
Data File : VX042402.D
Acq On : 19 Jul 2024 14:42
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Jul 19 16:09:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071924W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 19 11:30:14 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	105	0.00
2	M	Dichlorodifluoromethane	1.798	1.960	-9.0	124	0.00
3	M	Chloromethane	1.880	1.961	-4.3	122	0.00
4	M	Vinyl Chloride	1.868	1.848	1.1	113	0.00
5	M	Bromomethane	0.938	0.882	6.0	112	0.00
6	M	Chloroethane	0.805	1.016	-26.2#	139	0.00
7	M	Trichlorofluoromethane	2.337	2.664	-14.0	124	0.00
8	T	Diethyl Ether	0.980	0.913	6.8	103	0.00
9		1,1,2-Trichlorotrifluoroeth	1.820	1.728	5.1	110	0.00
10	M	1,1-Dichloroethene	1.749	1.580	9.7	104	0.00
11		Methyl Iodide	1.978	2.078	-5.1	128	0.00
12		Methyl Acetate	2.875	3.294	-14.6	120	0.00
13	M	Acrolein	0.361	0.286	20.8	94	0.00
14	M	Acrylonitrile	1.080	1.194	-10.6	123	0.00
15	M	Acetone	0.321	0.297	7.5	101	0.00
16	M	Carbon Disulfide	3.458	3.476	-0.5	127	0.00
17		Allyl chloride	2.783	3.143	-12.9	123	0.00
18	M	Methylene Chloride	1.998	2.133	-6.8	118	0.00
19	M	trans-1,2-Dichloroethene	1.767	1.896	-7.3	124	0.00
20	T	Diisopropyl ether	5.865	6.342	-8.1	121	0.00
21	M	1,1-Dichloroethane	3.329	3.502	-5.2	118	0.00
22	M	cis-1,2-Dichloroethene	2.213	2.351	-6.2	119	0.00
23	M	tert-Butyl Alcohol	0.411	0.507	-23.4	130	0.00
24	M	Methyl tert-Butyl Ether	5.838	6.296	-7.8	122	0.00
25	M	Chloroform	3.441	3.632	-5.6	119	0.00
26		Cyclohexane	2.757	2.933	-6.4	123	0.00
27	s	1,2-Dichloroethane-d4	2.149	2.095	2.5	104	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
29		1,1-Dichloropropene	0.391	0.422	-7.9	124	0.00
30	M	2-Butanone	0.261	0.291	-11.5	125	0.00
31		2,2-Dichloropropane	0.450	0.486	-8.0	122	0.00
32	M	1,1,1-Trichloroethane	0.505	0.547	-8.3	123	-0.01
33	M	Carbon Tetrachloride	0.441	0.462	-4.8	121	0.00
34	M	Benzene	1.285	1.380	-7.4	119	0.00
35		Methacrylonitrile	0.258	0.290	-12.4	125	0.00
36	M	1,2-Dichloroethane	0.417	0.450	-7.9	119	0.00
37	M	Trichloroethene	0.345	0.367	-6.4	122	0.00
38		Methylcyclohexane	0.503	0.548	-8.9	127	0.00
39	M	1,2-Dichloropropane	0.316	0.340	-7.6	123	0.00
40		Dibromomethane	0.228	0.245	-7.5	121	0.00
41	M	Bromodichloromethane	0.427	0.454	-6.3	123	0.00
42	M	Vinyl Acetate	0.845	0.926	-9.6	123	0.00
43		Ethyl Acetate	0.464	0.517	-11.4	123	0.00
44		Isopropyl Acetate	0.728	0.794	-9.1	124	0.00
45	T	1,4-Dioxane	0.008	0.009	-12.5	113	0.00
46		Methyl methacrylate	0.355	0.389	-9.6	124	0.00
47		n-amyl Acetate	0.647	0.716	-10.7	135	0.00
48	M	t-1,3-Dichloropropene	0.426	0.450	-5.6	126	0.00

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Jul 19 16:09:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071924W.M
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QLast Update : Fri Jul 19 11:30:14 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.479	0.514	-7.3	125	0.00
50	M	1,1,2-Trichloroethane	0.334	0.358	-7.2	119	0.00
51		Ethyl methacrylate	0.523	0.562	-7.5	127	0.00
52		1,3-Dichloropropane	0.543	0.596	-9.8	122	0.00
53	M	Dibromochloromethane	0.367	0.398	-8.4	128	0.00
54	M	1,2-Dibromoethane	0.348	0.383	-10.1	124	0.00
55	M	2-Chloroethyl vinyl ether	0.253	0.259	-2.4	121	0.00
56	M	Bromoform	0.296	0.321	-8.4	135	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
58	M	4-Methyl-2-Pentanone	0.529	0.589	-11.3	125	0.00
59	M	2-Hexanone	0.414	0.463	-11.8	129	0.00
60	S	4-Bromofluorobenzene	0.467	0.467	0.0	113	0.00
61	M	Tetrachloroethene	0.364	0.382	-4.9	120	0.00
62	M	Toluene	1.500	1.623	-8.2	123	0.00
63	S	Toluene-d8	1.303	1.277	2.0	106	0.00
64	M	Chlorobenzene	1.012	1.101	-8.8	127	0.00
65		1,1,1,2-Tetrachloroethane	0.364	0.383	-5.2	124	0.00
66	M	Ethyl Benzene	1.634	1.779	-8.9	128	0.00
67	M	m/p-Xylenes	0.653	0.717	-9.8	128	0.00
68	M	o-Xylene	0.650	0.709	-9.1	128	0.00
69	M	Styrene	1.094	1.194	-9.1	130	0.00
70		Isopropylbenzene	1.658	1.853	-11.8	130	0.00
71	M	1,1,2,2-Tetrachloroethane	0.571	0.630	-10.3	127	0.00
72		1,2,3-Trichloropropane	0.453	0.502	-10.8	128	0.00
73		Bromobenzene	0.474	0.514	-8.4	128	0.00
74		n-propylbenzene	1.832	2.067	-12.8	136	0.00
75		2-Chlorotoluene	1.152	1.288	-11.8	131	0.00
76		1,3,5-Trimethylbenzene	1.385	1.548	-11.8	132	0.00
77		t-1,4-Dichloro-2-butene	0.166	0.172	-3.6	135	0.00
78		4-Chlorotoluene	1.283	1.438	-12.1	133	0.00
79		tert-butylbenzene	1.479	1.637	-10.7	131	0.00
80		1,2,4-Trimethylbenzene	1.394	1.550	-11.2	133	0.00
81		sec-Butylbenzene	1.747	1.978	-13.2	135	0.00
82		p-Isopropyltoluene	1.514	1.704	-12.5	137	0.00
83	M	1,3-Dichlorobenzene	0.851	0.947	-11.3	134	0.00
84	M	1,4-Dichlorobenzene	0.845	0.937	-10.9	136	0.00
85		n-Butylbenzene	1.189	1.348	-13.4	144	0.00
86	T	Hexachloroethane	0.257	0.263	-2.3	130	0.00
87	M	1,2-Dichlorobenzene	0.860	0.955	-11.0	133	0.00
88		1,2-Dibromo-3-Chloropropane	0.117	0.129	-10.3	136	0.00
89		1,2,4-Trichlorobenzene	0.582	0.647	-11.2	142	0.00
90		Hexachlorobutadiene	0.289	0.328	-13.5	140	0.00
91	M	Naphthalene	1.737	1.927	-10.9	137	0.00
92		1,2,3-Trichlorobenzene	0.600	0.664	-10.7	139	0.00

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