Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
Data File : VN081818.D
Acq On : 19 Apr 2024 18:52
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Apr 19 23:53:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 11 09:25:01 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	49#	0.00
2	M	Dichlorodifluoromethane	4.192	3.408	18.7	40#	0.00
3	M	Chloromethane	3.637	4.537	-24.7	59	0.00
4	M	Vinyl Chloride	3.740	5.735	-53.3#	81	0.00
5	M	Bromomethane	3.167	3.888	-22.8	57	0.00
6	M	Chloroethane	2.927	4.168	-42.4#	73	0.00
7	M	Trichlorofluoromethane	6.140	6.188	-0.8	40#	0.00
8	T	Diethyl Ether	2.290	1.958	14.5	40#	0.00
9		1,1,2-Trichlorotrifluoroeth	4.212	3.482	17.3	39#	0.00
10	M	1,1-Dichloroethene	3.863	3.229	16.4	39#	0.00
11		Methyl Iodide	4.375	2.935	32.9#	40#	0.00
12		Methyl Acetate	3.547	3.392	4.4	47#	0.00
13	M	Acrolein	0.467	0.409	12.4	47#	0.00
14	M	Acrylonitrile	1.766	1.703	3.6	47#	0.00
15	M	Acetone	0.388	0.376	3.1	47#	0.00
16	M	Carbon Disulfide	10.985	8.681	21.0	38#	0.00
17		Allyl chloride	4.673	3.877	17.0	40#	0.00
18	M	Methylene Chloride	4.448	4.005	10.0	43#	0.00
19	M	trans-1,2-Dichloroethene	4.236	3.523	16.8	39#	0.00
20	T	Diisopropyl ether	11.126	11.036	0.8	46#	0.00
21	M	1,1-Dichloroethane	7.418	6.815	8.1	44#	0.00
22	M	cis-1,2-Dichloroethene	5.116	4.499	12.1	42#	0.00
23	M	tert-Butyl Alcohol	0.627	0.593	5.4	44#	0.00
24	M	Methyl tert-Butyl Ether	12.082	10.810	10.5	42#	0.00
25	M	Chloroform	8.440	8.010	5.1	45#	0.00
26		Cyclohexane	5.947	5.269	11.4	43#	0.00
27	s	1,2-Dichloroethane-d4	3.685	3.872	-5.1	50#	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	42#	0.00
29		1,1-Dichloropropene	0.789	0.776	1.6	44#	0.00
30	M	2-Butanone	0.301	0.333	-10.6	49#	0.00
31		2,2-Dichloropropane	0.982	0.889	9.5	38#	0.00
32	M	1,1,1-Trichloroethane	1.087	1.112	-2.3	44#	0.00
33	M	Carbon Tetrachloride	0.985	0.980	0.5	44#	0.00
34	M	Benzene	2.541	2.522	0.7	44#	0.00
35		Methacrylonitrile	0.341	0.424	-24.3	54	-0.01
36	M	1,2-Dichloroethane	0.833	0.950	-14.0	50	0.00
37	M	Trichloroethene	0.672	0.633	5.8	43#	0.00
38		Methylcyclohexane	0.964	0.827	14.2	38#	0.00
39	M	1,2-Dichloropropane	0.593	0.625	-5.4	46#	0.00
40		Dibromomethane	0.472	0.508	-7.6	46#	0.00
41	M	Bromodichloromethane	0.963	1.043	-8.3	48#	0.00
42	M	Vinyl Acetate	1.255	1.328	-5.8	46#	0.00
43		Ethyl Acetate	0.664	0.727	-9.5	50	0.00
44		Isopropyl Acetate	1.112	1.283	-15.4	52	0.00
45	T	1,4-Dioxane	0.012	0.013	-8.3	44#	0.00
46		Methyl methacrylate	0.500	0.555	-11.0	50	0.00
47		n-amyl Acetate	0.998	1.169	-17.1	54	0.00
48	M	t-1,3-Dichloropropene	0.917	0.977	-6.5	47#	0.00

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Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Apr 19 23:53:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 11 09:25:01 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	0.988	1.022	-3.4	46#	0.00
50	M	1,1,2-Trichloroethane	0.632	0.708	-12.0	49#	0.00
51		Ethyl methacrylate	0.880	0.924	-5.0	47#	0.00
52		1,3-Dichloropropane	1.036	1.107	-6.9	46#	0.00
53	M	Dibromochloromethane	0.755	0.810	-7.3	47#	0.00
54	M	1,2-Dibromoethane	0.653	0.684	-4.7	46#	0.00
55	M	2-Chloroethyl vinyl ether	0.432	0.470	-8.8	50#	0.00
56	M	Bromoform	0.483	0.552	-14.3	51	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	46#	0.00
58	M	4-Methyl-2-Pentanone	0.516	0.614	-19.0	56	0.00
59	M	2-Hexanone	0.387	0.449	-16.0	55	0.00
60	S	4-Bromofluorobenzene	0.590	0.590	0.0	47#	0.00
61	M	Tetrachloroethene	0.556	0.533	4.1	46#	0.00
62	M	Toluene	2.183	2.100	3.8	45#	0.00
63	S	Toluene-d8	1.203	1.216	-1.1	46#	0.00
64	M	Chlorobenzene	1.384	1.383	0.1	47#	0.00
65		1,1,1,2-Tetrachloroethane	0.503	0.487	3.2	44#	0.00
66	M	Ethyl Benzene	2.321	2.212	4.7	44#	0.00
67	M	m/p-Xylenes	0.919	0.898	2.3	45#	0.00
68	M	o-Xylene	0.873	0.836	4.2	45#	0.00
69	M	Styrene	1.486	1.389	6.5	44#	0.00
70		Isopropylbenzene	2.251	2.161	4.0	45#	0.00
71	M	1,1,2,2-Tetrachloroethane	0.588	0.670	-13.9	53	0.00
72		1,2,3-Trichloropropane	0.544	0.886	-62.9#	74	0.00
73		Bromobenzene	0.558	0.552	1.1	46#	0.00
74		n-propylbenzene	2.695	2.537	5.9	45#	0.00
75		2-Chlorotoluene	1.605	1.586	1.2	46#	0.00
76		1,3,5-Trimethylbenzene	1.911	1.852	3.1	45#	0.00
77		t-1,4-Dichloro-2-butene	0.225	0.231	-2.7	49#	0.00
78		4-Chlorotoluene	1.592	1.594	-0.1	46#	0.00
79		tert-butylbenzene	1.626	1.491	8.3	43#	0.00
80		1,2,4-Trimethylbenzene	1.906	1.884	1.2	46#	0.00
81		sec-Butylbenzene	2.344	2.149	8.3	43#	0.00
82		p-Isopropyltoluene	1.966	1.828	7.0	43#	0.00
83	M	1,3-Dichlorobenzene	1.042	1.048	-0.6	47#	0.00
84	M	1,4-Dichlorobenzene	1.009	1.018	-0.9	46#	0.00
85		n-Butylbenzene	1.656	1.481	10.6	42#	0.00
86	T	Hexachloroethane	0.376	0.364	3.2	46#	0.00
87	M	1,2-Dichlorobenzene	0.992	1.014	-2.2	47#	0.00
88		1,2-Dibromo-3-Chloropropane	0.128	0.152	-18.7	59	0.00
89		1,2,4-Trichlorobenzene	0.544	0.561	-3.1	48#	0.00
90		Hexachlorobutadiene	0.218	0.213	2.3	46#	0.00
91	M	Naphthalene	1.749	1.686	3.6	48#	0.00
92		1,2,3-Trichlorobenzene	0.544	0.561	-3.1	48#	0.00

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