Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042224\
Data File : VN081820.D
Acq On : 22 Apr 2024 09:40
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Apr 23 06:53:51 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	50	-0.02
2	M	Dichlorodifluoromethane	4.192	2.998	28.5#	36#	0.00
3	M	Chloromethane	3.637	3.598	1.1	48#	0.00
4	M	Vinyl Chloride	3.740	4.372	-16.9	63	0.00
5	M	Bromomethane	3.167	3.656	-15.4	55	0.00
6	M	Chloroethane	2.927	3.789	-29.4#	68	0.00
7	M	Trichlorofluoromethane	6.140	3.699	39.8#	24#	0.00
8	T	Diethyl Ether	2.290	1.842	19.6	38#	0.00
9		1,1,2-Trichlorotrifluoroeth	4.212	3.996	5.1	45#	0.00
10	M	1,1-Dichloroethene	3.863	3.330	13.8	41#	0.00
11		Methyl Iodide	4.375	3.396	22.4	48#	-0.01
12		Methyl Acetate	3.547	3.315	6.5	47#	0.00
13	M	Acrolein	0.467	0.428	8.4	50#	0.00
14	M	Acrylonitrile	1.766	1.617	8.4	46#	0.00
15	M	Acetone	0.388	0.340	12.4	43#	0.00
16	M	Carbon Disulfide	10.985	9.593	12.7	43#	0.00
17		Allyl chloride	4.673	4.337	7.2	45#	0.00
18	M	Methylene Chloride	4.448	4.174	6.2	46#	0.00
19	M	trans-1,2-Dichloroethene	4.236	3.940	7.0	44#	0.00
20	T	Diisopropyl ether	11.126	11.585	-4.1	49#	-0.01
21	M	1,1-Dichloroethane	7.418	7.713	-4.0	50	0.00
22	M	cis-1,2-Dichloroethene	5.116	4.970	2.9	47#	0.00
23	M	tert-Butyl Alcohol	0.627	0.476	24.1	36#	0.00
24	M	Methyl tert-Butyl Ether	12.082	11.098	8.1	44#	0.00
25	M	Chloroform	8.440	9.053	-7.3	52	0.00
26		Cyclohexane	5.947	5.918	0.5	49#	0.00
27	s	1,2-Dichloroethane-d4	3.685	4.063	-10.3	53	-0.01
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	47#	0.00
29		1,1-Dichloropropene	0.789	0.810	-2.7	51	0.00
30	M	2-Butanone	0.301	0.286	5.0	47#	0.00
31		2,2-Dichloropropane	0.982	1.010	-2.9	49#	0.00
32	M	1,1,1-Trichloroethane	1.087	1.167	-7.4	52	0.00
33	M	Carbon Tetrachloride	0.985	0.970	1.5	48#	0.00
34	M	Benzene	2.541	2.574	-1.3	50	0.00
35		Methacrylonitrile	0.341	0.377	-10.6	54	0.00
36	M	1,2-Dichloroethane	0.833	0.925	-11.0	55	0.00
37	M	Trichloroethene	0.672	0.667	0.7	50	0.00
38		Methylcyclohexane	0.964	0.856	11.2	43#	0.00
39	M	1,2-Dichloropropane	0.593	0.653	-10.1	54	0.00
40		Dibromomethane	0.472	0.499	-5.7	50	0.00
41	M	Bromodichloromethane	0.963	1.016	-5.5	52	0.00
42	M	Vinyl Acetate	1.255	1.281	-2.1	50#	0.00
43		Ethyl Acetate	0.664	0.629	5.3	49#	0.00
44		Isopropyl Acetate	1.112	1.124	-1.1	51	0.00
45	T	1,4-Dioxane	0.012	0.010	16.7	41#	0.00
46		Methyl methacrylate	0.500	0.493	1.4	50#	0.00
47		n-amyl Acetate	0.998	0.984	1.4	51	0.00
48	M	t-1,3-Dichloropropene	0.917	0.998	-8.8	53	0.00

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MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Apr 23 06:53:51 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	1.058	-7.1	53	0.00
50	M	1,1,2-Trichloroethane	0.632	0.667	-5.5	52	0.00
51		Ethyl methacrylate	0.880	0.827	6.0	46#	0.00
52		1,3-Dichloropropane	1.036	1.106	-6.8	52	0.00
53	M	Dibromochloromethane	0.755	0.798	-5.7	52	0.00
54	M	1,2-Dibromoethane	0.653	0.650	0.5	48#	0.00
55	M	2-Chloroethyl vinyl ether	0.432	0.495	-14.6	58	0.00
56	M	Bromoform	0.483	0.519	-7.5	54	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	50#	0.00
58	M	4-Methyl-2-Pentanone	0.516	0.522	-1.2	51	0.00
59	M	2-Hexanone	0.387	0.388	-0.3	51	0.00
60	S	4-Bromofluorobenzene	0.590	0.608	-3.1	51	0.00
61	M	Tetrachloroethene	0.556	0.561	-0.9	52	0.00
62	M	Toluene	2.183	2.227	-2.0	51	0.00
63	S	Toluene-d8	1.203	1.245	-3.5	51	0.00
64	M	Chlorobenzene	1.384	1.386	-0.1	50	0.00
65		1,1,1,2-Tetrachloroethane	0.503	0.515	-2.4	50	0.00
66	M	Ethyl Benzene	2.321	2.260	2.6	49#	0.00
67	M	m/p-Xylenes	0.919	0.945	-2.8	51	0.00
68	M	o-Xylene	0.873	0.863	1.1	50#	0.00
69	M	Styrene	1.486	1.471	1.0	50#	0.00
70		Isopropylbenzene	2.251	2.178	3.2	48#	0.00
71	M	1,1,2,2-Tetrachloroethane	0.588	0.630	-7.1	53	0.00
72		1,2,3-Trichloropropane	0.544	0.571	-5.0	51	0.00
73		Bromobenzene	0.558	0.588	-5.4	53	0.00
74		n-propylbenzene	2.695	2.637	2.2	50#	0.00
75		2-Chlorotoluene	1.605	1.605	0.0	50#	0.00
76		1,3,5-Trimethylbenzene	1.911	1.865	2.4	48#	0.00
77		t-1,4-Dichloro-2-butene	0.225	0.242	-7.6	55	0.00
78		4-Chlorotoluene	1.592	1.613	-1.3	50#	0.00
79		tert-butylbenzene	1.626	1.564	3.8	48#	0.00
80		1,2,4-Trimethylbenzene	1.906	1.918	-0.6	50#	0.00
81		sec-Butylbenzene	2.344	2.249	4.1	48#	0.00
82		p-Isopropyltoluene	1.966	1.855	5.6	47#	0.00
83	M	1,3-Dichlorobenzene	1.042	1.114	-6.9	54	0.00
84	M	1,4-Dichlorobenzene	1.009	1.059	-5.0	52	0.00
85		n-Butylbenzene	1.656	1.974	-19.2	61	0.00
86	T	Hexachloroethane	0.376	0.499	-32.7#	68	0.00
87	M	1,2-Dichlorobenzene	0.992	1.434	-44.6#	71	0.00
88		1,2-Dibromo-3-Chloropropane	0.128	0.167	-30.5#	69	0.00
89		1,2,4-Trichlorobenzene	0.544	0.734	-34.9#	68	0.00
90		Hexachlorobutadiene	0.218	0.300	-37.6#	70	0.00
91	M	Naphthalene	1.749	2.197	-25.6#	68	0.00
92		1,2,3-Trichlorobenzene	0.544	0.734	-34.9#	68	0.00

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