

Data File : VN057176.D
Acq On : 11 Aug 2019 10:02
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Aug 12 06:20:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:49:25 2019
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	Pentafluorobenzene	1.000	1.000	0.0	94	0.00
2 T	Dichlorodifluoromethane	0.402	0.358	10.9	91	0.00
3 P	Chloromethane	0.534	0.422	21.0	83	0.00
4 C	Vinyl Chloride	0.496	0.439	11.5#	89	0.00
5 T	Bromomethane	0.337	0.310	8.0	93	0.00
6 T	Chloroethane	0.318	0.294	7.5	92	0.00
7 T	Trichlorofluoromethane	0.713	0.664	6.9	92	0.00
8 T	Diethyl Ether	0.276	0.259	6.2	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.432	0.414	4.2	96	0.00
10 T	Methyl Iodide	0.654	0.658	-0.6	96	0.00
11 T	Tert butyl alcohol	0.073	0.060	17.8	84	0.00
12 CM	1,1-Dichloroethene	0.425	0.405	4.7#	94	0.00
13 T	Acrolein	0.046	0.028	39.1#	62	0.00
14 T	Allyl chloride	0.618	0.639	-3.4	102	0.00
15 T	Acrylonitrile	0.198	0.177	10.6	85	0.00
16 T	Acetone	0.155	0.183	-18.1	117	0.00
17 T	Carbon Disulfide	1.132	1.042	8.0	90	0.00
18 T	Methyl Acetate	0.606	0.415	31.5#	88	0.00
19 T	Methyl tert-butyl Ether	1.284	1.248	2.8	95	0.00
20 T	Methylene Chloride	0.513	0.467	9.0	93	0.00
21 T	trans-1,2-Dichloroethene	0.463	0.435	6.0	93	0.00
22 T	Diisopropyl ether	1.349	1.271	5.8	93	0.00
23 T	Vinyl Acetate	1.033	0.993	3.9	91	0.00
24 P	1,1-Dichloroethane	0.829	0.778	6.2	93	0.00
25 T	2-Butanone	0.237	0.239	-0.8	94	0.00
26 T	2,2-Dichloropropane	0.603	0.646	-7.1	103	0.00
27 T	cis-1,2-Dichloroethene	0.531	0.505	4.9	93	0.00
28 T	Bromochloromethane	0.381	0.360	5.5	92	0.00
29 T	Tetrahydrofuran	0.160	0.141	11.9	85	0.00
30 C	Chloroform	0.858	0.796	7.2#	94	0.00
31 T	Cyclohexane	0.746	0.661	11.4	91	0.00
32 T	1,1,1-Trichloroethane	0.720	0.690	4.2	94	0.00
33 S	1,2-Dichloroethane-d4	0.514	0.460	10.5	86	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35 S	Dibromofluoromethane	0.314	0.299	4.8	88	0.00
36 T	1,1-Dichloropropene	0.412	0.413	-0.2	94	0.00
37 T	Ethyl Acetate	0.325	0.309	4.9	86	0.00
38 T	Carbon Tetrachloride	0.429	0.423	1.4	95	0.00
39 T	Methylcyclohexane	0.501	0.494	1.4	95	0.00
40 TM	Benzene	1.303	1.246	4.4	92	0.00
41 T	Methacrylonitrile	0.172	0.171	0.6	90	0.00
42 TM	1,2-Dichloroethane	0.416	0.394	5.3	91	0.00
43 T	Isopropyl Acetate	0.579	0.536	7.4	89	0.00
44 TM	Trichloroethene	0.365	0.365	0.0	96	0.00
45 C	1,2-Dichloropropane	0.337	0.332	1.5#	95	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.216	0.211	2.3	93	0.00
47 T	Bromodichloromethane	0.419	0.426	-1.7	94	0.00
48 T	Methyl methacrylate	0.273	0.247	9.5	87	0.00
49 T	1,4-Dioxane	0.006	0.005	16.7	88	0.00
50 S	Toluene-d8	1.200	1.113	7.2	86	0.00
51 T	4-Methyl-2-Pentanone	0.337	0.308	8.6	85	0.00
52 CM	Toluene	0.809	0.792	2.1#	93	0.00
53 T	t-1,3-Dichloropropene	0.437	0.454	-3.9	95	0.00
54 T	cis-1,3-Dichloropropene	0.502	0.518	-3.2	95	0.00
55 T	1,1,2-Trichloroethane	0.318	0.303	4.7	92	0.00
56 T	Ethyl methacrylate	0.445	0.434	2.5	90	0.00
57 T	1,3-Dichloropropane	0.525	0.497	5.3	91	0.00
58 T	2-Chloroethyl Vinyl ether	0.156	0.111	28.8#	62	0.00
59 T	2-Hexanone	0.228	0.225	1.3	90	0.00
60 T	Dibromochloromethane	0.334	0.346	-3.6	95	0.00
61 T	1,2-Dibromoethane	0.328	0.314	4.3	91	0.00
62 S	4-Bromofluorobenzene	0.387	0.380	1.8	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T	Tetrachloroethene	0.416	0.406	2.4	94	0.00
65 PM	Chlorobenzene	1.006	0.986	2.0	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.376	0.376	0.0	94	0.00
67 C	Ethyl Benzene	1.731	1.726	0.3#	94	0.00
68 T	m/p-Xylenes	0.638	0.655	-2.7	94	0.00
69 T	o-Xylene	0.635	0.636	-0.2	94	0.00
70 T	Styrene	0.992	1.054	-6.3	95	0.00
71 P	Bromoform	0.276	0.286	-3.6	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73 T	Isopropylbenzene	4.778	4.085	14.5	95	0.00
74 T	N-amyl acetate	1.267	1.121	11.5	89	0.00
75 P	1,1,2,2-Tetrachloroethane	1.369	1.073	21.6	90	0.00
76 T	1,2,3-Trichloropropane	1.096	0.921	16.0	88	0.00
77 T	Bromobenzene	1.202	1.059	11.9	95	0.00
78 T	n-propylbenzene	4.797	4.364	9.0	94	0.00
79 T	2-Chlorotoluene	3.078	2.650	13.9	95	0.00
80 T	1,3,5-Trimethylbenzene	3.860	3.443	10.8	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.340	0.324	4.7	96	0.00
82 T	4-Chlorotoluene	2.777	2.558	7.9	96	0.00
83 T	tert-Butylbenzene	3.566	3.037	14.8	96	0.00
84 T	1,2,4-Trimethylbenzene	3.731	3.298	11.6	95	0.00
85 T	sec-Butylbenzene	4.356	3.837	11.9	95	0.00
86 T	p-Isopropyltoluene	3.822	3.450	9.7	96	0.00
87 T	1,3-Dichlorobenzene	1.711	1.692	1.1	99	0.00
88 T	1,4-Dichlorobenzene	1.621	1.601	1.2	99	0.00
89 T	n-Butylbenzene	2.641	2.551	3.4	96	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081119\
Evaluate Continuing Calibration Report

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.685	0.611	10.8	98	0.00
91 T	1,2-Dichlorobenzene	1.709	1.641	4.0	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.176	0.144	18.2	85	0.00
93 T	1,2,4-Trichlorobenzene	0.596	0.670	-12.4	106	0.00
94 T	Hexachlorobutadiene	0.736	0.681	7.5	103	0.00
95 T	Naphthalene	1.332	1.095	17.8	78	0.00
96 T	1,2,3-Trichlorobenzene	0.656	0.568	13.4	90	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6