

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077891.D
 Acq On : 25 May 2023 08:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 25 09:43:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 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	49#	0.00
2 T	Dichlorodifluoromethane	0.569	0.308	45.9#	25#	0.00
3 P	Chloromethane	0.682	0.958	-40.5#	77	0.00
4 C	Vinyl Chloride	0.717	0.924	-28.9#	63	0.00
5 T	Bromomethane	0.531	0.862	-62.3#	85	0.00
6 T	Chloroethane	0.517	0.773	-49.5#	77	0.00
7 T	Trichlorofluoromethane	1.000	0.768	23.2	38#	0.00
8 T	Diethyl Ether	0.365	0.741	-103.0#	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.553	0.274	50.5#	25#	0.00
10 T	Methyl Iodide	0.660	1.320	-100.0#	98	0.00
11 T	Tert butyl alcohol	0.103	0.208	-101.9#	102	0.00
12 CM	1,1-Dichloroethene	0.526	0.581	-10.5#	55	0.00
13 T	Acrolein	0.073	0.121	-65.8#	88	0.00
14 T	Allyl chloride	0.773	0.993	-28.5#	69	0.01
15 T	Acrylonitrile	0.276	0.534	-93.5#	98	0.00
16 T	Acetone	0.235	0.433	-84.3#	98	0.00
17 T	Carbon Disulfide	1.417	1.252	11.6	46#	0.00
18 T	Methyl Acetate	0.987	1.900	-92.5#	98	0.00
19 T	Methyl tert-butyl Ether	1.904	3.820	-100.6#	99	0.00
20 T	Methylene Chloride	0.705	1.156	-64.0#	94	0.00
21 T	trans-1,2-Dichloroethene	0.591	0.747	-26.4#	63	0.00
22 T	Diisopropyl ether	1.811	3.317	-83.2#	92	0.00
23 T	Vinyl Acetate	1.122	2.086	-85.9#	93	0.00
24 P	1,1-Dichloroethane	1.109	1.752	-58.0#	79	0.00
25 T	2-Butanone	0.368	0.685	-86.1#	96	0.00
26 T	2,2-Dichloropropane	0.943	0.696	26.2#	35#	0.00
27 T	cis-1,2-Dichloroethene	0.708	1.133	-60.0#	80	0.00
28 T	Bromochloromethane	0.480	0.802	-67.1#	83	0.00
29 T	Tetrahydrofuran	0.241	0.456	-89.2#	98	0.00
30 C	Chloroform	1.220	1.916	-57.0#	81	0.00
31 T	Cyclohexane	1.017	0.403	60.4#	21#	0.00
32 T	1,1,1-Trichloroethane	1.038	1.171	-12.8	55	0.00
33 S	1,2-Dichloroethane-d4	0.748	1.257	-68.0#	83	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	61	0.00
35 S	Dibromofluoromethane	0.326	0.448	-37.4#	81	0.00
36 T	1,1-Dichloropropene	0.477	0.303	36.5#	38#	0.00
37 T	Ethyl Acetate	0.425	0.636	-49.6#	95	0.00
38 T	Carbon Tetrachloride	0.482	0.324	32.8#	39#	0.00
39 T	Methylcyclohexane	0.584	0.164	71.9#	17#	0.00
40 TM	Benzene	1.407	1.612	-14.6	69	0.00
41 T	Methacrylonitrile	0.226	0.336	-48.7#	93	0.00
42 TM	1,2-Dichloroethane	0.511	0.742	-45.2#	91	0.00
43 T	Isopropyl Acetate	0.694	1.090	-57.1#	97	0.00
44 TM	Trichloroethene	0.356	0.323	9.3	55	0.00
45 C	1,2-Dichloropropane	0.359	0.473	-31.8#	79	0.00
46 T	Dibromomethane	0.257	0.385	-49.8#	93	0.00
47 T	Bromodichloromethane	0.492	0.677	-37.6#	81	0.00
48 T	Methyl methacrylate	0.329	0.502	-52.6#	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.011	-83.3#	104	0.00
50 S	Toluene-d8	1.255	1.065	15.1	50#	0.00
51 T	4-Methyl-2-Pentanone	0.413	0.657	-59.1#	96	0.00
52 CM	Toluene	0.876	0.820	6.4#	55	0.00
53 T	t-1,3-Dichloropropene	0.521	0.649	-24.6	72	0.00
54 T	cis-1,3-Dichloropropene	0.574	0.688	-19.9	70	0.00
55 T	1,1,2-Trichloroethane	0.348	0.528	-51.7#	93	0.00
56 T	Ethyl methacrylate	0.526	0.803	-52.7#	90	0.00
57 T	1,3-Dichloropropane	0.596	0.865	-45.1#	87	0.00
58 T	2-Chloroethyl Vinyl ether	0.259	0.321	-23.9	74	0.00
59 T	2-Hexanone	0.305	0.458	-50.2#	90	0.00
60 T	Dibromochloromethane	0.359	0.523	-45.7#	84	0.00
61 T	1,2-Dibromoethane	0.347	0.530	-52.7#	89	0.00
62 S	4-Bromofluorobenzene	0.443	0.324	26.9#	44#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	51	0.00
64 T	Tetrachloroethene	0.350	0.293	16.3	44#	0.00
65 PM	Chlorobenzene	1.084	1.115	-2.9	53	0.00
66 T	1,1,1,2-Tetrachloroethane	0.375	0.540	-44.0#	70	0.00
67 C	Ethyl Benzene	1.942	1.476	24.0#	38#	0.00
68 T	m/p-Xylenes	0.736	0.569	22.7	38#	0.00
69 T	o-Xylene	0.724	0.680	6.1	46#	0.00
70 T	Styrene	1.150	1.101	4.3	47#	0.00
71 P	Bromoform	0.250	0.453	-81.2#	84	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	34#	0.00
73 T	Isopropylbenzene	4.310	3.787	12.1	29#	0.00
74 T	N-amyl acetate	1.593	3.461	-117.3#	75	0.00
75 P	1,1,2,2-Tetrachloroethane	1.326	3.115	-134.9#	83	0.00
76 T	1,2,3-Trichloropropane	1.252	2.987	-138.6#	84	0.00
77 T	Bromobenzene	0.984	1.429	-45.2#	51	0.00
78 T	n-propylbenzene	5.081	3.709	27.0#	25#	0.00
79 T	2-Chlorotoluene	3.032	3.060	-0.9	35#	0.00
80 T	1,3,5-Trimethylbenzene	3.622	3.317	8.4	31#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.392	0.780	-99.0#	67	0.00
82 T	4-Chlorotoluene	3.017	2.696	10.6	31#	0.00
83 T	tert-Butylbenzene	3.162	2.543	19.6	27#	0.00
84 T	1,2,4-Trimethylbenzene	3.563	3.494	1.9	33#	0.00
85 T	sec-Butylbenzene	4.494	2.786	38.0#	21#	0.00
86 T	p-Isopropyltoluene	3.583	2.500	30.2#	23#	0.00
87 T	1,3-Dichlorobenzene	1.819	1.807	0.7	35#	0.00
88 T	1,4-Dichlorobenzene	1.805	1.729	4.2	34#	0.00
89 T	n-Butylbenzene	3.296	1.707	48.2#	17#	0.00
90 T	Hexachloroethane	0.589	0.449	23.8	24#	0.00
91 T	1,2-Dichlorobenzene	1.699	2.205	-29.8#	44#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.257	0.554	-115.6#	76	0.00
93 T	1,2,4-Trichlorobenzene	0.993	0.680	31.5#	24#	0.00
94 T	Hexachlorobutadiene	0.412	0.183	55.6#	15#	0.00
95 T	Naphthalene	3.418	4.900	-43.4#	51	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.972	0.815	16.2	29#	0.00

(#) = Out of Range

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