

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073112.D
 Acq On : 18 May 2022 22:28
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: May 19 04:48:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 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	108	0.00
2 T	Dichlorodifluoromethane	0.625	0.429	31.4#	90	0.00
3 P	Chloromethane	0.645	0.501	22.3	96	0.00
4 C	Vinyl Chloride	0.593	0.457	22.9#	92	0.00
5 T	Bromomethane	0.421	0.321	23.8	92	0.00
6 T	Chloroethane	0.369	0.294	20.3	96	0.00
7 T	Trichlorofluoromethane	1.085	0.835	23.0	93	0.00
8 T	Diethyl Ether	0.297	0.251	15.5	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.642	0.490	23.7	93	0.00
10 T	Methyl Iodide	0.649	0.565	12.9	95	0.00
11 T	Tert butyl alcohol	0.097	0.047	51.5#	88	0.00
12 CM	1,1-Dichloroethene	0.581	0.458	21.2#	93	0.00
13 T	Acrolein	0.052	0.037	28.8#	76	0.00
14 T	Allyl chloride	0.920	0.783	14.9	98	0.00
15 T	Acrylonitrile	0.142	0.121	14.8	92	0.00
16 T	Acetone	0.113	0.086	23.9	88	0.00
17 T	Carbon Disulfide	1.946	1.550	20.3	94	0.00
18 T	Methyl Acetate	0.357	0.274	23.2	98	0.00
19 T	Methyl tert-butyl Ether	1.359	1.174	13.6	94	0.00
20 T	Methylene Chloride	0.821	0.646	21.3	101	0.00
21 T	trans-1,2-Dichloroethene	0.691	0.577	16.5	95	0.00
22 T	Diisopropyl ether	1.975	1.744	11.7	96	0.00
23 T	Vinyl Acetate	1.067	0.949	11.1	94	0.00
24 P	1,1-Dichloroethane	1.229	1.051	14.5	99	0.00
25 T	2-Butanone	0.171	0.143	16.4	95	0.00
26 T	2,2-Dichloropropane	1.041	0.807	22.5	91	0.00
27 T	cis-1,2-Dichloroethene	0.762	0.646	15.2	96	0.00
28 T	Bromochloromethane	0.421	0.360	14.5	97	0.00
29 T	Tetrahydrofuran	0.110	0.097	11.8	93	0.00
30 C	Chloroform	1.315	1.105	16.0#	97	0.00
31 T	Cyclohexane	1.126	0.856	24.0	92	0.00
32 T	1,1,1-Trichloroethane	1.127	0.924	18.0	95	0.00
33 S	1,2-Dichloroethane-d4	0.625	0.558	10.7	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	113	0.00
35 S	Dibromofluoromethane	0.351	0.318	9.4	101	0.00
36 T	1,1-Dichloropropene	0.572	0.451	21.2	95	0.00
37 T	Ethyl Acetate	0.240	0.201	16.2	95	0.00
38 T	Carbon Tetrachloride	0.585	0.464	20.7	95	0.00
39 T	Methylcyclohexane	0.667	0.504	24.4	89	0.00
40 TM	Benzene	1.636	1.367	16.4	98	0.00
41 T	Methacrylonitrile	0.135	0.117	13.3	94	0.00
42 TM	1,2-Dichloroethane	0.476	0.385	19.1	94	0.00
43 T	Isopropyl Acetate	0.447	0.374	16.3	96	0.00
44 TM	Trichloroethene	0.442	0.359	18.8	99	0.00
45 C	1,2-Dichloropropane	0.425	0.345	18.8#	96	0.00
46 T	Dibromomethane	0.235	0.193	17.9	97	0.00
47 T	Bromodichloromethane	0.597	0.489	18.1	96	0.00
48 T	Methyl methacrylate	0.222	0.192	13.5	94	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	98	0.00
50 S	Toluene-d8	1.274	1.198	6.0	102	0.00
51 T	4-Methyl-2-Pentanone	0.233	0.200	14.2	95	0.00
52 CM	Toluene	1.038	0.890	14.3#	99	0.00
53 T	t-1,3-Dichloropropene	0.544	0.447	17.8	95	0.00
54 T	cis-1,3-Dichloropropene	0.641	0.530	17.3	96	0.00
55 T	1,1,2-Trichloroethane	0.321	0.261	18.7	95	0.00
56 T	Ethyl methacrylate	0.363	0.319	12.1	95	0.00
57 T	1,3-Dichloropropane	0.545	0.449	17.6	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.165	0.157	4.8	100	0.00
59 T	2-Hexanone	0.154	0.135	12.3	96	0.00
60 T	Dibromochloromethane	0.398	0.337	15.3	99	0.00
61 T	1,2-Dibromoethane	0.308	0.256	16.9	98	0.00
62 S	4-Bromofluorobenzene	0.461	0.417	9.5	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
64 T	Tetrachloroethene	0.366	0.305	16.7	97	0.00
65 PM	Chlorobenzene	1.134	0.986	13.1	99	0.00
66 T	1,1,1,2-Tetrachloroethane	0.433	0.369	14.8	99	0.00
67 C	Ethyl Benzene	1.974	1.765	10.6#	98	0.00
68 T	m/p-Xylenes	0.765	0.698	8.8	100	0.00
69 T	o-Xylene	0.706	0.627	11.2	96	0.00
70 T	Styrene	1.232	1.131	8.2	97	0.00
71 P	Bromoform	0.228	0.200	12.3	97	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
73 T	Isopropylbenzene	3.790	3.388	10.6	97	0.00
74 T	N-amyl acetate	0.886	0.795	10.3	94	0.00
75 P	1,1,2,2-Tetrachloroethane	0.747	0.649	13.1	96	0.00
76 T	1,2,3-Trichloropropane	0.565	0.460	18.6	92	0.00
77 T	Bromobenzene	0.904	0.808	10.6	98	0.00
78 T	n-propylbenzene	4.759	4.321	9.2	98	0.00
79 T	2-Chlorotoluene	2.773	2.510	9.5	99	0.00
80 T	1,3,5-Trimethylbenzene	3.229	2.983	7.6	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.236	0.202	14.4	91	0.00
82 T	4-Chlorotoluene	2.934	2.627	10.5	99	0.00
83 T	tert-Butylbenzene	2.735	2.410	11.9	97	0.00
84 T	1,2,4-Trimethylbenzene	3.212	2.956	8.0	99	0.00
85 T	sec-Butylbenzene	4.151	3.690	11.1	98	0.00
86 T	p-Isopropyltoluene	3.377	3.107	8.0	99	0.00
87 T	1,3-Dichlorobenzene	1.859	1.642	11.7	98	0.00
88 T	1,4-Dichlorobenzene	1.837	1.605	12.6	98	0.00
89 T	n-Butylbenzene	3.284	2.891	12.0	95	0.00
90 T	Hexachloroethane	0.702	0.611	13.0	100	0.00
91 T	1,2-Dichlorobenzene	1.612	1.430	11.3	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.116	0.102	12.1	98	0.00
93 T	1,2,4-Trichlorobenzene	0.920	0.811	11.8	95	0.00
94 T	Hexachlorobutadiene	0.513	0.422	17.7	94	0.00
95 T	Naphthalene	1.666	1.557	6.5	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.817	0.739	9.5	98	0.00

(#) = Out of Range

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