

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012722\
 Data File : VD071813.D
 Acq On : 27 Jan 2022 20:33
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 28 07:23:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 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	90	0.00
2 T	Dichlorodifluoromethane	0.593	0.490	17.4	78	0.00
3 P	Chloromethane	0.710	0.732	-3.1	98	0.00
4 C	Vinyl Chloride	0.743	0.707	4.8#	87	0.00
5 T	Bromomethane	0.490	0.474	3.3	93	0.00
6 T	Chloroethane	0.471	0.486	-3.2	94	0.00
7 T	Trichlorofluoromethane	1.065	0.970	8.9	82	0.00
8 T	Diethyl Ether	0.281	0.306	-8.9	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.601	0.567	5.7	84	0.00
10 T	Methyl Iodide	0.616	0.616	0.0	81	0.00
11 T	Tert butyl alcohol	0.046	0.035	23.9	80	0.00
12 CM	1,1-Dichloroethene	0.549	0.550	-0.2#	86	0.00
13 T	Acrolein	0.056	0.043	23.2	76	0.00
14 T	Allyl chloride	1.047	1.105	-5.5	92	0.00
15 T	Acrylonitrile	0.143	0.149	-4.2	89	0.00
16 T	Acetone	0.173	0.145	16.2	68	0.00
17 T	Carbon Disulfide	1.915	1.888	1.4	88	0.00
18 T	Methyl Acetate	0.374	0.336	10.2	82	0.00
19 T	Methyl tert-butyl Ether	1.314	1.439	-9.5	92	0.00
20 T	Methylene Chloride	0.713	0.708	0.7	96	0.00
21 T	trans-1,2-Dichloroethene	0.639	0.676	-5.8	92	0.00
22 T	Diisopropyl ether	2.052	2.421	-18.0	98	0.00
23 T	Vinyl Acetate	1.132	1.275	-12.6	90	0.00
24 P	1,1-Dichloroethane	1.196	1.330	-11.2	96	0.00
25 T	2-Butanone	0.202	0.200	1.0	81	0.00
26 T	2,2-Dichloropropane	0.990	0.981	0.9	87	0.00
27 T	cis-1,2-Dichloroethene	0.687	0.771	-12.2	97	0.00
28 T	Bromochloromethane	0.451	0.468	-3.8	89	0.00
29 T	Tetrahydrofuran	0.119	0.127	-6.7	88	0.00
30 C	Chloroform	1.222	1.349	-10.4#	97	0.00
31 T	Cyclohexane	1.207	1.086	10.0	82	0.00
32 T	1,1,1-Trichloroethane	1.078	1.106	-2.6	91	0.00
33 S	1,2-Dichloroethane-d4	0.632	0.674	-6.6	94	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.329	0.337	-2.4	97	0.00
36 T	1,1-Dichloropropene	0.564	0.556	1.4	89	0.00
37 T	Ethyl Acetate	0.262	0.257	1.9	88	0.00
38 T	Carbon Tetrachloride	0.558	0.535	4.1	88	0.00
39 T	Methylcyclohexane	0.654	0.623	4.7	85	0.00
40 TM	Benzene	1.523	1.610	-5.7	96	0.00
41 T	Methacrylonitrile	0.148	0.163	-10.1	92	0.00
42 TM	1,2-Dichloroethane	0.481	0.507	-5.4	95	0.00
43 T	Isopropyl Acetate	0.471	0.488	-3.6	90	0.00
44 TM	Trichloroethene	0.393	0.401	-2.0	94	0.00
45 C	1,2-Dichloropropane	0.393	0.422	-7.4#	97	0.00
46 T	Dibromomethane	0.206	0.218	-5.8	94	0.00
47 T	Bromodichloromethane	0.544	0.593	-9.0	98	0.00
48 T	Methyl methacrylate	0.249	0.257	-3.2	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	87	0.00
50 S	Toluene-d8	1.227	1.284	-4.6	96	0.00
51 T	4-Methyl-2-Pentanone	0.247	0.253	-2.4	88	0.00
52 CM	Toluene	0.947	1.025	-8.2#	97	0.00
53 T	t-1,3-Dichloropropene	0.499	0.523	-4.8	91	0.00
54 T	cis-1,3-Dichloropropene	0.585	0.616	-5.3	94	0.00
55 T	1,1,2-Trichloroethane	0.273	0.284	-4.0	93	0.00
56 T	Ethyl methacrylate	0.338	0.359	-6.2	90	0.00
57 T	1,3-Dichloropropane	0.487	0.517	-6.2	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.146	8.2	79	0.00
59 T	2-Hexanone	0.179	0.174	2.8	81	0.00
60 T	Dibromochloromethane	0.337	0.359	-6.5	95	0.00
61 T	1,2-Dibromoethane	0.263	0.268	-1.9	91	0.00
62 S	4-Bromofluorobenzene	0.429	0.441	-2.8	97	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.354	0.353	0.3	93	0.00
65 PM	Chlorobenzene	1.058	1.104	-4.3	97	0.00
66 T	1,1,1,2-Tetrachloroethane	0.385	0.411	-6.8	99	0.00
67 C	Ethyl Benzene	1.946	2.050	-5.3#	95	0.00
68 T	m/p-Xylenes	0.740	0.788	-6.5	96	0.00
69 T	o-Xylene	0.673	0.746	-10.8	99	0.00
70 T	Styrene	1.160	1.285	-10.8	99	0.00
71 P	Bromoform	0.205	0.207	-1.0	93	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	3.872	3.934	-1.6	94	0.00
74 T	N-amyl acetate	0.952	0.980	-2.9	92	0.00
75 P	1,1,2,2-Tetrachloroethane	0.716	0.695	2.9	94	0.00
76 T	1,2,3-Trichloropropane	0.527	0.560	-6.3	105	0.00
77 T	Bromobenzene	0.861	0.896	-4.1	99	0.00
78 T	n-propylbenzene	4.855	4.953	-2.0	94	0.00
79 T	2-Chlorotoluene	2.751	2.894	-5.2	98	0.00
80 T	1,3,5-Trimethylbenzene	3.211	3.393	-5.7	97	0.00
81 T	trans-1,4-Dichloro-2-butene	0.214	0.200	6.5	87	0.00
82 T	4-Chlorotoluene	2.862	3.001	-4.9	98	0.00
83 T	tert-Butylbenzene	2.661	2.779	-4.4	96	0.00
84 T	1,2,4-Trimethylbenzene	3.159	3.401	-7.7	98	0.00
85 T	sec-Butylbenzene	4.164	4.200	-0.9	93	0.00
86 T	p-Isopropyltoluene	3.384	3.515	-3.9	94	0.00
87 T	1,3-Dichlorobenzene	1.749	1.798	-2.8	97	0.00
88 T	1,4-Dichlorobenzene	1.745	1.787	-2.4	98	0.00
89 T	n-Butylbenzene	3.320	3.352	-1.0	93	0.00
90 T	Hexachloroethane	0.673	0.691	-2.7	99	0.00
91 T	1,2-Dichlorobenzene	1.497	1.554	-3.8	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.119	0.113	5.0	91	0.00
93 T	1,2,4-Trichlorobenzene	0.874	0.912	-4.3	98	0.00
94 T	Hexachlorobutadiene	0.477	0.463	2.9	95	0.00
95 T	Naphthalene	1.588	1.682	-5.9	92	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	0.749	0.784	-4.7	97	0.00

(#) = Out of Range

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