

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072258.D
 Acq On : 17 Mar 2022 21:46
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 8.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 18 04:33:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 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	83	0.00
2 T	Dichlorodifluoromethane	0.462	0.428	7.4	71	0.00
3 P	Chloromethane	0.411	0.478	-16.3	88	0.00
4 C	Vinyl Chloride	0.397	0.438	-10.3#	79	0.00
5 T	Bromomethane	0.258	0.300	-16.3	91	0.00
6 T	Chloroethane	0.262	0.301	-14.9	85	0.00
7 T	Trichlorofluoromethane	0.896	0.908	-1.3	77	0.00
8 T	Diethyl Ether	0.247	0.301	-21.9	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.571	0.572	-0.2	77	0.00
10 T	Methyl Iodide	0.457	0.411	10.1	64	0.00
11 T	Tert butyl alcohol	0.032	0.038	-18.7	110	0.01
12 CM	1,1-Dichloroethene	0.460	0.483	-5.0#	78	0.00
13 T	Acrolein	0.029	0.018	37.9#	61	0.00
14 T	Allyl chloride	0.803	0.902	-12.3	85	0.00
15 T	Acrylonitrile	0.125	0.154	-23.2	105	0.00
16 T	Acetone	0.121	0.112	7.4	76	0.00
17 T	Carbon Disulfide	0.937	1.128	-20.4	77	0.00
18 T	Methyl Acetate	0.296	0.345	-16.6	109	0.00
19 T	Methyl tert-butyl Ether	1.249	1.507	-20.7	98	0.00
20 T	Methylene Chloride	0.727	0.710	2.3	91	0.00
21 T	trans-1,2-Dichloroethene	0.508	0.584	-15.0	84	0.00
22 T	Diisopropyl ether	1.833	2.212	-20.7	96	0.00
23 T	Vinyl Acetate	0.935	1.207	-29.1#	99	0.00
24 P	1,1-Dichloroethane	1.081	1.210	-11.9	88	0.00
25 T	2-Butanone	0.161	0.188	-16.8	99	0.00
26 T	2,2-Dichloropropane	0.975	0.932	4.4	75	0.00
27 T	cis-1,2-Dichloroethene	0.649	0.734	-13.1	88	0.00
28 T	Bromochloromethane	0.435	0.544	-25.1#	99	0.00
29 T	Tetrahydrofuran	0.095	0.128	-34.7#	111	0.00
30 C	Chloroform	1.151	1.292	-12.3#	90	0.00
31 T	Cyclohexane	0.871	0.900	-3.3	76	0.00
32 T	1,1,1-Trichloroethane	1.023	1.051	-2.7	81	0.00
33 S	1,2-Dichloroethane-d4	0.557	0.631	-13.3	101	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35 S	Dibromofluoromethane	0.352	0.374	-6.3	100	0.00
36 T	1,1-Dichloropropene	0.494	0.518	-4.9	81	0.00
37 T	Ethyl Acetate	0.216	0.263	-21.8	105	0.00
38 T	Carbon Tetrachloride	0.561	0.547	2.5	79	0.00
39 T	Methylcyclohexane	0.555	0.574	-3.4	76	0.00
40 TM	Benzene	1.408	1.529	-8.6	87	0.00
41 T	Methacrylonitrile	0.126	0.138	-9.5	92	0.00
42 TM	1,2-Dichloroethane	0.427	0.486	-13.8	95	0.00
43 T	Isopropyl Acetate	0.420	0.498	-18.6	103	0.00
44 TM	Trichloroethene	0.395	0.406	-2.8	82	0.00
45 C	1,2-Dichloropropane	0.386	0.432	-11.9#	95	0.00
46 T	Dibromomethane	0.190	0.225	-18.4	99	0.00
47 T	Bromodichloromethane	0.554	0.600	-8.3	92	0.00
48 T	Methyl methacrylate	0.200	0.234	-17.0	94	0.00

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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	1,4-Dioxane	0.002	0.003	-50.0#	110	0.00
50 S	Toluene-d8	1.287	1.336	-3.8	94	0.00
51 T	4-Methyl-2-Pentanone	0.220	0.275	-25.0#	108	0.00
52 CM	Toluene	0.927	1.003	-8.2#	85	0.00
53 T	t-1,3-Dichloropropene	0.506	0.560	-10.7	94	0.00
54 T	cis-1,3-Dichloropropene	0.585	0.645	-10.3	92	0.00
55 T	1,1,2-Trichloroethane	0.289	0.329	-13.8	99	0.00
56 T	Ethyl methacrylate	0.339	0.414	-22.1	102	0.00
57 T	1,3-Dichloropropane	0.486	0.558	-14.8	99	0.00
58 T	2-Chloroethyl Vinyl ether	0.152	0.176	-15.8	102	0.00
59 T	2-Hexanone	0.152	0.185	-21.7	105	0.00
60 T	Dibromochloromethane	0.376	0.413	-9.8	96	0.00
61 T	1,2-Dibromoethane	0.262	0.300	-14.5	97	0.00
62 S	4-Bromofluorobenzene	0.500	0.508	-1.6	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64 T	Tetrachloroethene	0.352	0.352	0.0	81	0.00
65 PM	Chlorobenzene	1.108	1.162	-4.9	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.438	0.451	-3.0	89	0.00
67 C	Ethyl Benzene	1.980	2.045	-3.3#	85	0.00
68 T	m/p-Xylenes	0.752	0.791	-5.2	86	0.00
69 T	o-Xylene	0.719	0.751	-4.5	85	0.00
70 T	Styrene	1.256	1.342	-6.8	90	0.00
71 P	Bromoform	0.234	0.252	-7.7	97	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73 T	Isopropylbenzene	3.962	4.035	-1.8	83	0.00
74 T	N-amyl acetate	0.851	1.018	-19.6	105	0.00
75 P	1,1,2,2-Tetrachloroethane	0.709	0.790	-11.4	103	0.00
76 T	1,2,3-Trichloropropane	0.552	0.515	6.7	84	0.00
77 T	Bromobenzene	0.892	0.941	-5.5	91	0.00
78 T	n-propylbenzene	4.813	4.892	-1.6	84	0.00
79 T	2-Chlorotoluene	2.783	2.857	-2.7	87	0.00
80 T	1,3,5-Trimethylbenzene	3.404	3.398	0.2	84	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.235	-5.9	96	0.00
82 T	4-Chlorotoluene	2.882	2.961	-2.7	87	0.00
83 T	tert-Butylbenzene	2.984	2.928	1.9	82	0.00
84 T	1,2,4-Trimethylbenzene	3.354	3.399	-1.3	86	0.00
85 T	sec-Butylbenzene	4.482	4.323	3.5	80	0.00
86 T	p-Isopropyltoluene	3.688	3.650	1.0	82	0.00
87 T	1,3-Dichlorobenzene	1.869	1.870	-0.1	88	0.00
88 T	1,4-Dichlorobenzene	1.853	1.853	0.0	88	0.00
89 T	n-Butylbenzene	3.515	3.401	3.2	79	0.00
90 T	Hexachloroethane	0.723	0.708	2.1	85	0.00
91 T	1,2-Dichlorobenzene	1.630	1.687	-3.5	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.113	0.127	-12.4	101	0.00
93 T	1,2,4-Trichlorobenzene	1.079	1.042	3.4	85	0.00
94 T	Hexachlorobutadiene	0.628	0.575	8.4	79	0.00
95 T	Naphthalene	1.860	2.050	-10.2	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.934	0.944	-1.1	90	0.00

(#) = Out of Range

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