

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121522\
 Data File : VD075030.D
 Acq On : 15 Dec 2022 16:40
 Operator : KP/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD121522

Quant Time: Dec 16 05:34:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121522S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 16 05:30:45 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	82	0.00
2 T	Dichlorodifluoromethane	0.325	0.291	10.5	91	0.00
3 P	Chloromethane	0.519	0.483	6.9	94	0.00
4 C	Vinyl Chloride	0.650	0.632	2.8#	93	0.00
5 T	Bromomethane	0.533	0.531	0.4	102	0.00
6 T	Chloroethane	0.482	0.493	-2.3	97	0.00
7 T	Trichlorofluoromethane	0.812	0.803	1.1	95	0.00
8 T	Diethyl Ether	0.234	0.244	-4.3	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.532	0.537	-0.9	93	0.00
10 T	Methyl Iodide	0.570	0.625	-9.6	94	0.00
11 T	Tert butyl alcohol	0.028	0.025	10.7	93	0.00
12 CM	1,1-Dichloroethene	0.497	0.515	-3.6#	97	0.00
13 T	Acrolein	0.051	0.051	0.0	100	0.00
14 T	Allyl chloride	0.566	0.604	-6.7	97	0.00
15 T	Acrylonitrile	0.099	0.105	-6.1	96	0.00
16 T	Acetone	0.100	0.109	-9.0	94	0.00
17 T	Carbon Disulfide	1.145	1.121	2.1	94	0.00
18 T	Methyl Acetate	0.274	0.232	15.3	95	0.00
19 T	Methyl tert-butyl Ether	1.047	1.133	-8.2	97	0.00
20 T	Methylene Chloride	1.064	0.733	31.1#	101	0.00
21 T	trans-1,2-Dichloroethene	0.551	0.581	-5.4	96	0.00
22 T	Diisopropyl ether	1.282	1.439	-12.2	97	0.00
23 T	Vinyl Acetate	0.499	0.554	-11.0	94	0.00
24 P	1,1-Dichloroethane	0.940	0.977	-3.9	96	0.00
25 T	2-Butanone	0.122	0.129	-5.7	95	0.00
26 T	2,2-Dichloropropane	0.859	0.890	-3.6	96	0.00
27 T	cis-1,2-Dichloroethene	0.649	0.701	-8.0	98	0.00
28 T	Bromochloromethane	0.287	0.307	-7.0	97	0.00
29 T	Tetrahydrofuran	0.063	0.068	-7.9	93	0.00
30 C	Chloroform	0.978	1.088	-11.2#	97	0.00
31 T	Cyclohexane	0.639	0.601	5.9	84	0.00
32 T	1,1,1-Trichloroethane	0.829	0.775	6.5	80	0.00
33 S	1,2-Dichloroethane-d4	0.427	0.457	-7.0	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35 S	Dibromofluoromethane	0.324	0.307	5.2	83	0.00
36 T	1,1-Dichloropropene	0.371	0.361	2.7	96	0.00
37 T	Ethyl Acetate	0.144	0.148	-2.8	95	0.00
38 T	Carbon Tetrachloride	0.341	0.335	1.8	95	0.00
39 T	Methylcyclohexane	0.418	0.405	3.1	94	0.00
40 TM	Benzene	1.131	1.096	3.1	96	0.00
41 T	Methacrylonitrile	0.084	0.087	-3.6	93	0.00
42 TM	1,2-Dichloroethane	0.277	0.264	4.7	96	0.00
43 T	Isopropyl Acetate	0.247	0.240	2.8	95	0.00
44 TM	Trichloroethene	0.320	0.307	4.1	98	0.00
45 C	1,2-Dichloropropane	0.279	0.282	-1.1#	100	0.00
46 T	Dibromomethane	0.154	0.147	4.5	96	0.00
47 T	Bromodichloromethane	0.394	0.388	1.5	99	0.00
48 T	Methyl methacrylate	0.116	0.107	7.8	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.001	0.001	0.0	92	0.00
50 S	Toluene-d8	1.173	1.294	-10.3	103	0.00
51 T	4-Methyl-2-Pentanone	0.127	0.129	-1.6	94	0.00
52 CM	Toluene	0.720	0.734	-1.9#	96	0.00
53 T	t-1,3-Dichloropropene	0.336	0.336	0.0	96	0.00
54 T	cis-1,3-Dichloropropene	0.425	0.430	-1.2	99	0.00
55 T	1,1,2-Trichloroethane	0.217	0.216	0.5	96	0.00
56 T	Ethyl methacrylate	0.237	0.241	-1.7	93	0.00
57 T	1,3-Dichloropropane	0.351	0.352	-0.3	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.082	0.078	4.9	95	0.00
59 T	2-Hexanone	0.092	0.095	-3.3	93	0.00
60 T	Dibromochloromethane	0.252	0.257	-2.0	98	0.00
61 T	1,2-Dibromoethane	0.195	0.194	0.5	96	0.00
62 S	4-Bromofluorobenzene	0.347	0.380	-9.5	103	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64 T	Tetrachloroethene	0.296	0.278	6.1	95	0.00
65 PM	Chlorobenzene	0.909	0.903	0.7	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.328	0.322	1.8	99	0.00
67 C	Ethyl Benzene	1.580	1.615	-2.2#	97	0.00
68 T	m/p-Xylenes	0.624	0.635	-1.8	97	0.00
69 T	o-Xylene	0.581	0.593	-2.1	96	0.00
70 T	Styrene	1.006	1.026	-2.0	96	0.00
71 P	Bromoform	0.164	0.164	0.0	97	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	3.330	3.425	-2.9	97	0.00
74 T	N-amyl acetate	0.557	0.552	0.9	93	0.00
75 P	1,1,2,2-Tetrachloroethane	0.591	0.574	2.9	96	0.00
76 T	1,2,3-Trichloropropane	0.416	0.400	3.8	96	0.00
77 T	Bromobenzene	0.756	0.749	0.9	97	0.00
78 T	n-propylbenzene	4.053	4.135	-2.0	95	0.00
79 T	2-Chlorotoluene	2.219	2.245	-1.2	96	0.00
80 T	1,3,5-Trimethylbenzene	2.746	2.813	-2.4	97	0.00
81 T	trans-1,4-Dichloro-2-butene	0.156	0.146	6.4	91	0.00
82 T	4-Chlorotoluene	2.312	2.338	-1.1	98	0.00
83 T	tert-Butylbenzene	2.376	2.452	-3.2	98	0.00
84 T	1,2,4-Trimethylbenzene	2.707	2.795	-3.3	96	0.00
85 T	sec-Butylbenzene	3.693	3.803	-3.0	97	0.00
86 T	p-Isopropyltoluene	3.064	3.135	-2.3	97	0.00
87 T	1,3-Dichlorobenzene	1.602	1.561	2.6	96	0.00
88 T	1,4-Dichlorobenzene	1.563	1.537	1.7	98	0.00
89 T	n-Butylbenzene	2.870	2.965	-3.3	98	0.00
90 T	Hexachloroethane	0.554	0.546	1.4	96	0.00
91 T	1,2-Dichlorobenzene	1.359	1.336	1.7	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.079	0.075	5.1	92	0.00
93 T	1,2,4-Trichlorobenzene	0.828	0.827	0.1	97	0.00
94 T	Hexachlorobutadiene	0.445	0.439	1.3	95	0.00
95 T	Naphthalene	1.530	1.537	-0.5	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.716	0.713	0.4	96	0.00

(#) = Out of Range

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