

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016447.D
 Acq On : 21 Nov 2023 18:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 22 08:13:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 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	87	0.00
2 T	Dichlorodifluoromethane	0.490	0.908	-85.3#	173#	0.00
3 P	Chloromethane	0.573	1.013	-76.8#	164#	0.00
4 C	Vinyl Chloride	0.617	1.123	-82.0#	167#	0.00
5 T	Bromomethane	0.405	0.749	-84.9#	171#	0.00
6 T	Chloroethane	0.393	0.717	-82.4#	167#	0.00
7 T	Trichlorofluoromethane	0.897	1.830	-104.0#	179#	0.00
8 T	Diethyl Ether	0.268	0.551	-105.6#	181#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.540	1.070	-98.1#	180#	0.00
10 T	Methyl Iodide	0.584	1.377	-135.8#	203#	0.00
11 T	Tert butyl alcohol	0.036	0.059	-63.9#	149	0.00
12 CM	1,1-Dichloroethene	0.505	1.044	-106.7#	185#	0.00
13 T	Acrolein	0.043	0.033	23.3	65	0.00
14 T	Allyl chloride	0.717	1.387	-93.4#	168#	0.00
15 T	Acrylonitrile	0.106	0.201	-89.6#	162#	0.00
16 T	Acetone	0.076	0.143	-88.2#	172#	0.00
17 T	Carbon Disulfide	1.525	3.132	-105.4#	183#	0.00
18 T	Methyl Acetate	0.402	0.729	-81.3#	157#	0.00
19 T	Methyl tert-butyl Ether	1.223	2.439	-99.4#	172#	0.01
20 T	Methylene Chloride	0.610	1.262	-106.9#	200#	0.01
21 T	trans-1,2-Dichloroethene	0.582	1.221	-109.8#	189#	0.01
22 T	Diisopropyl ether	1.545	2.835	-83.5#	158#	0.00
23 T	Vinyl Acetate	0.749	1.337	-78.5#	151#	0.00
24 P	1,1-Dichloroethane	0.953	1.922	-101.7#	178#	0.00
25 T	2-Butanone	0.132	0.226	-71.2#	149	0.00
26 T	2,2-Dichloropropane	0.868	1.799	-107.3#	183#	0.00
27 T	cis-1,2-Dichloroethene	0.627	1.340	-113.7#	189#	0.00
28 T	Bromochloromethane	0.353	0.709	-100.8#	178#	0.00
29 T	Tetrahydrofuran	0.088	0.149	-69.3#	143	0.00
30 C	Chloroform	0.992	2.072	-108.9#	186#	0.00
31 T	Cyclohexane	0.900	1.560	-73.3#	160#	0.00
32 T	1,1,1-Trichloroethane	0.910	1.923	-111.3#	188#	0.00
33 S	1,2-Dichloroethane-d4	0.457	0.451	1.3	88	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35 S	Dibromofluoromethane	0.284	0.315	-10.9	98	0.00
36 T	1,1-Dichloropropene	0.493	0.978	-98.4#	174#	0.01
37 T	Ethyl Acetate	0.199	0.327	-64.3#	142	0.00
38 T	Carbon Tetrachloride	0.512	1.094	-113.7#	187#	0.00
39 T	Methylcyclohexane	0.615	1.215	-97.6#	171#	0.00
40 TM	Benzene	1.386	2.878	-107.6#	181#	0.00
41 T	Methacrylonitrile	0.100	0.163	-63.0#	146	0.00
42 TM	1,2-Dichloroethane	0.359	0.719	-100.3#	172#	0.01
43 T	Isopropyl Acetate	0.385	0.652	-69.4#	143	0.00
44 TM	Trichloroethene	0.398	0.862	-116.6#	190#	0.00
45 C	1,2-Dichloropropane	0.333	0.665	-99.7#	171#	0.00
46 T	Dibromomethane	0.180	0.365	-102.8#	173#	0.00
47 T	Bromodichloromethane	0.464	0.971	-109.3#	181#	0.00
48 T	Methyl methacrylate	0.213	0.380	-78.4#	148	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	0.004	-100.0#	163#	0.00
50 S	Toluene-d8	1.152	1.189	-3.2	91	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.325	-66.7#	141	0.00
52 CM	Toluene	0.876	1.850	-111.2#	183#	0.00
53 T	t-1,3-Dichloropropene	0.449	0.916	-104.0#	173#	0.00
54 T	cis-1,3-Dichloropropene	0.537	1.109	-106.5#	176#	0.00
55 T	1,1,2-Trichloroethane	0.249	0.508	-104.0#	174#	0.00
56 T	Ethyl methacrylate	0.235	0.468	-99.1#	163#	0.00
57 T	1,3-Dichloropropane	0.424	0.853	-101.2#	170#	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.159	0.0	79	0.00
59 T	2-Hexanone	0.145	0.221	-52.4#	136	0.00
60 T	Dibromochloromethane	0.311	0.672	-116.1#	182#	0.00
61 T	1,2-Dibromoethane	0.237	0.486	-105.1#	175#	0.00
62 S	4-Bromofluorobenzene	0.374	0.393	-5.1	93	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64 T	Tetrachloroethene	0.449	0.981	-118.5#	192#	0.00
65 PM	Chlorobenzene	1.068	2.260	-111.6#	187#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.848	-115.2#	188#	0.00
67 C	Ethyl Benzene	1.920	4.025	-109.6#	182#	0.00
68 T	m/p-Xylenes	0.728	1.549	-112.8#	185#	0.00
69 T	o-Xylene	0.676	1.453	-114.9#	183#	0.00
70 T	Styrene	0.968	2.099	-116.8#	185#	0.00
71 P	Bromoform	0.204	0.429	-110.3#	179#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	4.049	8.363	-106.5#	182#	0.00
74 T	N-amyl acetate	0.813	1.346	-65.6#	139	0.00
75 P	1,1,2,2-Tetrachloroethane	0.650	1.152	-77.2#	156#	0.00
76 T	1,2,3-Trichloropropane	0.480	1.622	-237.9#	318#	0.00
77 T	Bromobenzene	0.915	1.930	-110.9#	184#	0.00
78 T	n-propylbenzene	4.785	9.584	-100.3#	177#	0.00
79 T	2-Chlorotoluene	2.637	5.349	-102.8#	178#	0.00
80 T	1,3,5-Trimethylbenzene	3.264	6.777	-107.6#	182#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.221	0.431	-95.0#	171#	0.00
82 T	4-Chlorotoluene	2.725	5.442	-99.7#	177#	0.00
83 T	tert-Butylbenzene	2.875	6.035	-109.9#	183#	0.00
84 T	1,2,4-Trimethylbenzene	3.214	6.680	-107.8#	182#	0.00
85 T	sec-Butylbenzene	4.108	8.147	-98.3#	175#	0.00
86 T	p-Isopropyltoluene	3.537	7.230	-104.4#	179#	0.00
87 T	1,3-Dichlorobenzene	1.761	3.663	-108.0#	186#	0.00
88 T	1,4-Dichlorobenzene	1.721	3.544	-105.9#	183#	0.00
89 T	n-Butylbenzene	3.267	6.359	-94.6#	168#	0.00
90 T	Hexachloroethane	0.682	1.393	-104.3#	182#	0.00
91 T	1,2-Dichlorobenzene	1.509	3.126	-107.2#	184#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.189	-83.5#	169#	0.00
93 T	1,2,4-Trichlorobenzene	0.881	1.918	-117.7#	193#	0.00
94 T	Hexachlorobutadiene	0.504	1.011	-100.6#	180#	0.00
95 T	Naphthalene	1.575	3.424	-117.4#	190#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.728	1.578	-116.8#	198#	0.00

(#) = Out of Range

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