

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010720\
 Data File : VW014549.D
 Acq On : 07 Jan 2020 16:55
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 08 07:00:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 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	70	0.00
2 T	Dichlorodifluoromethane	0.282	0.258	8.5	67	0.00
3 P	Chloromethane	0.346	0.309	10.7	73	0.00
4 C	Vinyl Chloride	0.508	0.522	-2.8#	75	0.00
5 T	Bromomethane	0.314	0.295	6.1	68	0.00
6 T	Chloroethane	0.290	0.288	0.7	71	0.01
7 T	Trichlorofluoromethane	0.254	0.276	-8.7	77	0.00
8 T	Diethyl Ether	0.253	0.177	30.0#	49#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.475	0.507	-6.7	76	0.00
10 T	Methyl Iodide	0.717	0.648	9.6	64	0.00
11 T	Tert butyl alcohol	0.038	0.022	42.1#	41#	0.00
12 CM	1,1-Dichloroethene	0.498	0.505	-1.4#	72	0.00
13 T	Acrolein	0.038	0.025	34.2#	42#	0.00
14 T	Allyl chloride	0.760	0.701	7.8	64	0.00
15 T	Acrylonitrile	0.116	0.069	40.5#	39#	0.00
16 T	Acetone	0.123	0.083	32.5#	46#	0.00
17 T	Carbon Disulfide	1.500	1.468	2.1	69	0.00
18 T	Methyl Acetate	0.298	0.178	40.3#	39#	0.00
19 T	Methyl tert-butyl Ether	0.618	0.490	20.7	54	0.00
20 T	Methylene Chloride	0.572	0.425	25.7#	59	0.00
21 T	trans-1,2-Dichloroethene	0.528	0.493	6.6	66	0.00
22 T	Diisopropyl ether	1.423	1.185	16.7	58	0.00
23 T	Vinyl Acetate	0.859	0.584	32.0#	45#	0.00
24 P	1,1-Dichloroethane	0.898	0.798	11.1	63	0.00
25 T	2-Butanone	0.158	0.098	38.0#	40#	0.00
26 T	2,2-Dichloropropane	0.497	0.487	2.0	73	0.00
27 T	cis-1,2-Dichloroethene	0.555	0.482	13.2	61	0.00
28 T	Bromochloromethane	0.352	0.270	23.3	53	0.00
29 T	Tetrahydrofuran	0.098	0.057	41.8#	37#	0.00
30 C	Chloroform	0.840	0.723	13.9#	61	0.00
31 T	Cyclohexane	0.933	0.940	-0.8	74	0.00
32 T	1,1,1-Trichloroethane	0.675	0.656	2.8	68	0.00
33 S	1,2-Dichloroethane-d4	0.437	0.294	32.7#	47#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	64	0.00
35 S	Dibromofluoromethane	0.286	0.240	16.1	53	0.00
36 T	1,1-Dichloropropene	0.482	0.528	-9.5	70	0.00
37 T	Ethyl Acetate	0.219	0.150	31.5#	41#	0.00
38 T	Carbon Tetrachloride	0.418	0.454	-8.6	70	0.00
39 T	Methylcyclohexane	0.619	0.718	-16.0	74	0.00
40 TM	Benzene	1.364	1.339	1.8	64	0.00
41 T	Methacrylonitrile	0.122	0.075	38.5#	37#	0.00
42 TM	1,2-Dichloroethane	0.354	0.277	21.8	50#	0.00
43 T	Isopropyl Acetate	0.397	0.278	30.0#	42#	0.00
44 TM	Trichloroethene	0.369	0.380	-3.0	67	0.00
45 C	1,2-Dichloropropane	0.335	0.301	10.1#	58	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)
46 T	Dibromomethane	0.165	0.123	25.5#	46#	0.00
47 T	Bromodichloromethane	0.408	0.350	14.2	54	0.00
48 T	Methyl methacrylate	0.194	0.135	30.4#	41#	0.00
49 T	1,4-Dioxane	0.003	0.002	33.3#	36#	0.00
50 S	Toluene-d8	1.193	1.086	9.0	58	0.00
51 T	4-Methyl-2-Pentanone	0.206	0.142	31.1#	40#	0.00
52 CM	Toluene	0.858	0.842	1.9#	63	0.00
53 T	t-1,3-Dichloropropene	0.422	0.328	22.3	48#	0.00
54 T	cis-1,3-Dichloropropene	0.516	0.440	14.7	53	0.00
55 T	1,1,2-Trichloroethane	0.241	0.181	24.9	47#	0.00
56 T	Ethyl methacrylate	0.314	0.228	27.4#	42#	0.00
57 T	1,3-Dichloropropane	0.424	0.324	23.6	48#	0.00
58 T	2-Chloroethyl Vinyl ether	0.095	0.069	27.4#	43#	0.00
59 T	2-Hexanone	0.142	0.098	31.0#	39#	0.00
60 T	Dibromochloromethane	0.272	0.212	22.1	49#	0.00
61 T	1,2-Dibromoethane	0.229	0.166	27.5#	45#	0.00
62 S	4-Bromofluorobenzene	0.404	0.316	21.8	50#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	59	0.00
64 T	Tetrachloroethene	0.362	0.412	-13.8	68	0.00
65 PM	Chlorobenzene	1.024	1.013	1.1	58	0.00
66 T	1,1,1,2-Tetrachloroethane	0.345	0.322	6.7	54	0.00
67 C	Ethyl Benzene	1.846	1.961	-6.2#	62	0.00
68 T	m/p-Xylenes	0.707	0.746	-5.5	62	0.00
69 T	o-Xylene	0.653	0.654	-0.2	59	0.00
70 T	Styrene	1.104	1.071	3.0	56	0.00
71 P	Bromoform	0.188	0.142	24.5	42#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	51	0.00
73 T	Isopropylbenzene	3.669	4.487	-22.3	63	0.00
74 T	N-amyl acetate	0.823	0.675	18.0	39#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.662	0.561	15.3	42#	0.00
76 T	1,2,3-Trichloropropane	0.473	0.345	27.1#	34#	0.00
77 T	Bromobenzene	0.852	0.868	-1.9	52	0.00
78 T	n-propylbenzene	4.314	5.154	-19.5	61	0.00
79 T	2-Chlorotoluene	2.455	2.716	-10.6	57	0.00
80 T	1,3,5-Trimethylbenzene	3.080	3.537	-14.8	59	0.00
81 T	trans-1,4-Dichloro-2-butene	0.212	0.174	17.9	38#	0.00
82 T	4-Chlorotoluene	2.551	2.762	-8.3	56	0.00
83 T	tert-Butylbenzene	2.697	3.185	-18.1	60	0.00
84 T	1,2,4-Trimethylbenzene	3.065	3.356	-9.5	56	0.00
85 T	sec-Butylbenzene	3.733	4.490	-20.3	62	0.00
86 T	p-Isopropyltoluene	3.403	3.934	-15.6	59	0.00
87 T	1,3-Dichlorobenzene	1.657	1.666	-0.5	52	0.00
88 T	1,4-Dichlorobenzene	1.636	1.605	1.9	51	0.00
89 T	n-Butylbenzene	3.160	3.580	-13.3	57	0.00

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90 T	Hexachloroethane	0.594	0.631	-6.2	54	0.00
91 T	1,2-Dichlorobenzene	1.456	1.374	5.6	49#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.105	0.081	22.9	37#	0.00
93 T	1,2,4-Trichlorobenzene	0.983	0.817	16.9	40#	0.00
94 T	Hexachlorobutadiene	0.659	0.658	0.2	52	0.00
95 T	Naphthalene	1.677	1.221	27.2#	33#	0.00
96 T	1,2,3-Trichlorobenzene	0.857	0.678	20.9	38#	0.00

(#) = Out of Range

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