

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083120\  
 Data File : VD066491.D  
 Acq On : 31 Aug 2020 18:56  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 LabSampleId :  
 VSTDCCC050

Quant Time: Sep 01 02:23:52 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D082120S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 13:36:12 2020  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	58	0.00
2 T	Dichlorodifluoromethane	0.425	0.379	10.8	55	0.00
3 P	Chloromethane	0.301	0.231	23.3#	48#	0.00
4 C	Vinyl Chloride	0.324	0.285	12.0#	54	0.00
5 T	Bromomethane	0.242	0.258	-6.6	66	0.00
6 T	Chloroethane	0.207	0.198	4.3	58	0.00
7 T	Trichlorofluoromethane	0.880	0.942	-7.0	65	0.00
8 T	Diethyl Ether	0.197	0.175	11.2	53	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.434	0.398	8.3	56	0.00
10 T	Methyl Iodide	0.495	0.428	13.5	48#	0.00
11 T	Tert butyl alcohol	0.037	0.030	18.9	63	0.00
12 CM	1,1-Dichloroethene	0.408	0.358	12.3#	52	0.00
13 T	Acrolein	0.022	0.011	50.0#	31#	0.00
14 T	Allyl chloride	0.544	0.431	20.8#	46#	0.01
15 T	Acrylonitrile	0.079	0.066	16.5	49#	0.00
16 T	Acetone	0.088	0.076	13.6	51	0.00
17 T	Carbon Disulfide	1.235	0.973	21.2#	47#	0.00
18 T	Methyl Acetate	0.166	0.139	16.3	50	0.00
19 T	Methyl tert-butyl Ether	0.981	1.034	-5.4	61	0.00
20 T	Methylene Chloride	0.605	0.445	26.4#	54	0.00
21 T	trans-1,2-Dichloroethene	0.474	0.435	8.2	56	0.00
22 T	Diisopropyl ether	1.053	0.864	17.9	47#	0.00
23 T	Vinyl Acetate	0.652	0.562	13.8	48#	0.00
24 P	1,1-Dichloroethane	0.744	0.668	10.2	54	0.00
25 T	2-Butanone	0.100	0.079	21.0#	46#	0.00
26 T	2,2-Dichloropropane	0.798	0.830	-4.0	61	0.00
27 T	cis-1,2-Dichloroethene	0.508	0.476	6.3	55	0.00
28 T	Bromochloromethane	0.256	0.226	11.7	50	0.00
29 T	Tetrahydrofuran	0.057	0.044	22.8#	44#	0.00
30 C	Chloroform	0.861	0.878	-2.0#	59	0.00
31 T	Cyclohexane	0.681	0.494	27.5#	46#	0.00
32 T	1,1,1-Trichloroethane	0.881	0.963	-9.3	64	0.00
33 S	1,2-Dichloroethane-d4	0.490	0.577	-17.8	68	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	57	0.00
35 S	Dibromofluoromethane	0.313	0.323	-3.2	58	0.00
36 T	1,1-Dichloropropene	0.456	0.427	6.4	54	0.00
37 T	Ethyl Acetate	0.155	0.128	17.4	47#	0.00
38 T	Carbon Tetrachloride	0.594	0.685	-15.3	66	0.00
39 T	Methylcyclohexane	0.537	0.480	10.6	49#	0.00
40 TM	Benzene	1.200	1.123	6.4	53	0.00
41 T	Methacrylonitrile	0.096	0.089	7.3	49#	-0.01
42 TM	1,2-Dichloroethane	0.423	0.502	-18.7	67	0.00
43 T	Isopropyl Acetate	0.311	0.284	8.7	51	0.00
44 TM	Trichloroethene	0.390	0.394	-1.0	58	0.00
45 C	1,2-Dichloropropane	0.272	0.235	13.6#	49#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.169	0.174	-3.0	58	0.00
47 T	Bromodichloromethane	0.466	0.501	-7.5	61	0.00
48 T	Methyl methacrylate	0.161	0.145	9.9	52	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	49#	0.00
50 S	Toluene-d8	1.144	1.197	-4.6	59	0.00
51 T	4-Methyl-2-Pentanone	0.151	0.132	12.6	48#	0.00
52 CM	Toluene	0.813	0.830	-2.1#	57	0.00
53 T	t-1,3-Dichloropropene	0.442	0.459	-3.8	58	0.00
54 T	cis-1,3-Dichloropropene	0.496	0.476	4.0	54	0.00
55 T	1,1,2-Trichloroethane	0.229	0.217	5.2	54	0.00
56 T	Ethyl methacrylate	0.265	0.245	7.5	50#	0.00
57 T	1,3-Dichloropropane	0.379	0.360	5.0	54	0.00
58 T	2-Chloroethyl Vinyl ether	0.110	0.097	11.8	48#	0.00
59 T	2-Hexanone	0.106	0.093	12.3	46#	0.00
60 T	Dibromochloromethane	0.346	0.361	-4.3	60	0.00
61 T	1,2-Dibromoethane	0.226	0.214	5.3	55	0.00
62 S	4-Bromofluorobenzene	0.406	0.434	-6.9	60	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	59	0.00
64 T	Tetrachloroethene	0.379	0.386	-1.8	60	0.00
65 PM	Chlorobenzene	0.995	0.997	-0.2	58	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.427	-4.9	62	0.00
67 C	Ethyl Benzene	1.751	1.782	-1.8#	58	0.00
68 T	m/p-Xylenes	0.667	0.688	-3.1	58	0.00
69 T	o-Xylene	0.621	0.636	-2.4	60	0.00
70 T	Styrene	1.066	1.109	-4.0	60	0.00
71 P	Bromoform	0.231	0.238	-3.0	60	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	63	0.00
73 T	Isopropylbenzene	3.349	3.233	3.5	60	0.00
74 T	N-amyl acetate	0.605	0.488	19.3	48#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.478	0.380	20.5#	50	0.00
76 T	1,2,3-Trichloropropane	0.352	0.352	0.0	63	0.00
77 T	Bromobenzene	0.850	0.831	2.2	60	0.00
78 T	n-propylbenzene	3.840	3.516	8.4	57	0.00
79 T	2-Chlorotoluene	2.193	2.096	4.4	60	0.00
80 T	1,3,5-Trimethylbenzene	2.892	2.827	2.2	60	0.00
81 T	trans-1,4-Dichloro-2-butene	0.166	0.142	14.5	52	0.00
82 T	4-Chlorotoluene	2.324	2.191	5.7	59	0.00
83 T	tert-Butylbenzene	2.512	2.487	1.0	62	0.00
84 T	1,2,4-Trimethylbenzene	2.841	2.901	-2.1	63	0.00
85 T	sec-Butylbenzene	3.291	3.090	6.1	58	0.00
86 T	p-Isopropyltoluene	3.173	3.171	0.1	62	0.00
87 T	1,3-Dichlorobenzene	1.587	1.525	3.9	60	0.00
88 T	1,4-Dichlorobenzene	1.593	1.530	4.0	61	0.00
89 T	n-Butylbenzene	2.800	2.586	7.6	57	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T Hexachloroethane	0.627	0.565	9.9	58	0.00
91 T 1,2-Dichlorobenzene	1.366	1.364	0.1	63	0.00
92 T 1,2-Dibromo-3-Chloropropane	0.100	0.099	1.0	65	0.00
93 T 1,2,4-Trichlorobenzene	1.067	1.085	-1.7	63	0.00
94 T Hexachlorobutadiene	0.663	0.699	-5.4	65	0.00
95 T Naphthalene	1.675	1.657	1.1	60	0.00
96 T 1,2,3-Trichlorobenzene	0.914	0.920	-0.7	61	0.00

(#) = Out of Range

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