

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD082520\
 Data File : VD066409.D
 Acq On : 25 Aug 2020 18:25
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 26 08:49:31 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	78	0.00
2 T	Dichlorodifluoromethane	0.425	0.349	17.9	69	0.00
3 P	Chloromethane	0.301	0.275	8.6	77	0.00
4 C	Vinyl Chloride	0.324	0.300	7.4#	76	0.00
5 T	Bromomethane	0.242	0.298	-23.1#	102	-0.01
6 T	Chloroethane	0.207	0.196	5.3	77	0.00
7 T	Trichlorofluoromethane	0.880	0.823	6.5	76	0.00
8 T	Diethyl Ether	0.197	0.227	-15.2	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.434	0.388	10.6	73	0.00
10 T	Methyl Iodide	0.495	0.182	63.2#	27#	0.00
11 T	Tert butyl alcohol	0.037	0.038	-2.7	106	0.01
12 CM	1,1-Dichloroethene	0.408	0.385	5.6#	75	-0.01
13 T	Acrolein	0.022	0.016	27.3#	59	0.00
14 T	Allyl chloride	0.544	0.547	-0.6	79	0.00
15 T	Acrylonitrile	0.079	0.090	-13.9	90	0.00
16 T	Acetone	0.088	0.078	11.4	70	0.00
17 T	Carbon Disulfide	1.235	1.146	7.2	74	-0.01
18 T	Methyl Acetate	0.166	0.190	-14.5	92	0.01
19 T	Methyl tert-butyl Ether	0.981	1.157	-17.9	91	0.00
20 T	Methylene Chloride	0.605	0.479	20.8#	78	0.00
21 T	trans-1,2-Dichloroethene	0.474	0.470	0.8	81	0.00
22 T	Diisopropyl ether	1.053	1.111	-5.5	81	0.00
23 T	Vinyl Acetate	0.652	0.714	-9.5	82	0.00
24 P	1,1-Dichloroethane	0.744	0.754	-1.3	82	0.00
25 T	2-Butanone	0.100	0.108	-8.0	86	0.00
26 T	2,2-Dichloropropane	0.798	0.713	10.7	70	-0.01
27 T	cis-1,2-Dichloroethene	0.508	0.528	-3.9	83	0.00
28 T	Bromochloromethane	0.256	0.317	-23.8#	95	0.00
29 T	Tetrahydrofuran	0.057	0.066	-15.8	89	0.00
30 C	Chloroform	0.861	0.912	-5.9#	83	0.00
31 T	Cyclohexane	0.681	0.562	17.5	70	0.00
32 T	1,1,1-Trichloroethane	0.881	0.888	-0.8	79	0.00
33 S	1,2-Dichloroethane-d4	0.490	0.628	-28.2#	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35 S	Dibromofluoromethane	0.313	0.363	-16.0	93	0.00
36 T	1,1-Dichloropropene	0.456	0.427	6.4	77	0.00
37 T	Ethyl Acetate	0.155	0.167	-7.7	88	0.00
38 T	Carbon Tetrachloride	0.594	0.584	1.7	81	0.00
39 T	Methylcyclohexane	0.537	0.475	11.5	69	0.00
40 TM	Benzene	1.200	1.204	-0.3	81	0.00
41 T	Methacrylonitrile	0.096	0.085	11.5	67	-0.05
42 TM	1,2-Dichloroethane	0.423	0.469	-10.9	90	0.00
43 T	Isopropyl Acetate	0.311	0.353	-13.5	91	0.00
44 TM	Trichloroethene	0.390	0.381	2.3	81	0.00
45 C	1,2-Dichloropropane	0.272	0.272	0.0	81	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.169	0.187	-10.7	88	0.00
47 T	Bromodichloromethane	0.466	0.508	-9.0	88	0.00
48 T	Methyl methacrylate	0.161	0.170	-5.6	88	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	91	0.00
50 S	Toluene-d8	1.144	1.297	-13.4	91	0.00
51 T	4-Methyl-2-Pentanone	0.151	0.171	-13.2	89	0.00
52 CM	Toluene	0.813	0.827	-1.7#	81	0.00
53 T	t-1,3-Dichloropropene	0.442	0.459	-3.8	83	0.00
54 T	cis-1,3-Dichloropropene	0.496	0.505	-1.8	81	0.00
55 T	1,1,2-Trichloroethane	0.229	0.238	-3.9	86	0.00
56 T	Ethyl methacrylate	0.265	0.303	-14.3	88	0.00
57 T	1,3-Dichloropropane	0.379	0.411	-8.4	87	0.00
58 T	2-Chloroethyl Vinyl ether	0.110	0.135	-22.7#	95	0.00
59 T	2-Hexanone	0.106	0.120	-13.2	85	0.00
60 T	Dibromochloromethane	0.346	0.381	-10.1	91	0.00
61 T	1,2-Dibromoethane	0.226	0.244	-8.0	90	0.00
62 S	4-Bromofluorobenzene	0.406	0.484	-19.2	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
64 T	Tetrachloroethene	0.379	0.365	3.7	82	0.00
65 PM	Chlorobenzene	0.995	0.979	1.6	82	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.413	-1.5	87	0.00
67 C	Ethyl Benzene	1.751	1.713	2.2#	81	0.00
68 T	m/p-Xylenes	0.667	0.643	3.6	79	0.00
69 T	o-Xylene	0.621	0.622	-0.2	85	0.00
70 T	Styrene	1.066	1.081	-1.4	84	0.00
71 P	Bromoform	0.231	0.253	-9.5	93	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73 T	Isopropylbenzene	3.349	3.186	4.9	81	0.00
74 T	N-amyl acetate	0.605	0.642	-6.1	88	0.00
75 P	1,1,2,2-Tetrachloroethane	0.478	0.496	-3.8	90	0.00
76 T	1,2,3-Trichloropropane	0.352	0.332	5.7	81	0.00
77 T	Bromobenzene	0.850	0.843	0.8	84	0.00
78 T	n-propylbenzene	3.840	3.516	8.4	79	0.00
79 T	2-Chlorotoluene	2.193	2.120	3.3	84	0.00
80 T	1,3,5-Trimethylbenzene	2.892	2.733	5.5	80	0.00
81 T	trans-1,4-Dichloro-2-butene	0.166	0.164	1.2	83	0.00
82 T	4-Chlorotoluene	2.324	2.247	3.3	83	0.00
83 T	tert-Butylbenzene	2.512	2.362	6.0	81	0.00
84 T	1,2,4-Trimethylbenzene	2.841	2.745	3.4	83	0.00
85 T	sec-Butylbenzene	3.291	2.998	8.9	77	0.00
86 T	p-Isopropyltoluene	3.173	2.988	5.8	80	0.00
87 T	1,3-Dichlorobenzene	1.587	1.552	2.2	85	0.00
88 T	1,4-Dichlorobenzene	1.593	1.552	2.6	86	0.00
89 T	n-Butylbenzene	2.800	2.506	10.5	75	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.627	0.575	8.3	81	0.00
91 T	1,2-Dichlorobenzene	1.366	1.379	-1.0	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.100	0.107	-7.0	97	0.00
93 T	1,2,4-Trichlorobenzene	1.067	1.078	-1.0	86	0.00
94 T	Hexachlorobutadiene	0.663	0.634	4.4	81	0.00
95 T	Naphthalene	1.675	1.876	-12.0	93	0.00
96 T	1,2,3-Trichlorobenzene	0.914	0.938	-2.6	86	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5