

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD090120\
 Data File : VD066493.D
 Acq On : 01 Sep 2020 13:54
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 02 01:14:22 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	64	0.00
2 T	Dichlorodifluoromethane	0.425	0.427	-0.5	69	0.00
3 P	Chloromethane	0.301	0.255	15.3	59	0.00
4 C	Vinyl Chloride	0.324	0.334	-3.1#	70	0.00
5 T	Bromomethane	0.242	0.261	-7.9	73	-0.01
6 T	Chloroethane	0.207	0.211	-1.9	68	0.00
7 T	Trichlorofluoromethane	0.880	1.039	-18.1	79	0.00
8 T	Diethyl Ether	0.197	0.201	-2.0	67	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.434	0.454	-4.6	70	0.00
10 T	Methyl Iodide	0.495	0.491	0.8	61	0.00
11 T	Tert butyl alcohol	0.037	0.034	8.1	78	0.00
12 CM	1,1-Dichloroethene	0.408	0.406	0.5#	65	0.00
13 T	Acrolein	0.022	0.012	45.5#	37#	0.00
14 T	Allyl chloride	0.544	0.462	15.1	55	0.00
15 T	Acrylonitrile	0.079	0.072	8.9	59	0.00
16 T	Acetone	0.088	0.098	-11.4	72	0.00
17 T	Carbon Disulfide	1.235	1.072	13.2	56	0.00
18 T	Methyl Acetate	0.166	0.151	9.0	60	0.00
19 T	Methyl tert-butyl Ether	0.981	1.079	-10.0	70	0.00
20 T	Methylene Chloride	0.605	0.483	20.2#	65	0.00
21 T	trans-1,2-Dichloroethene	0.474	0.475	-0.2	67	0.00
22 T	Diisopropyl ether	1.053	0.914	13.2	55	0.00
23 T	Vinyl Acetate	0.652	0.605	7.2	57	0.00
24 P	1,1-Dichloroethane	0.744	0.711	4.4	63	0.00
25 T	2-Butanone	0.100	0.094	6.0	61	0.00
26 T	2,2-Dichloropropane	0.798	0.943	-18.2	76	0.00
27 T	cis-1,2-Dichloroethene	0.508	0.514	-1.2	66	0.00
28 T	Bromochloromethane	0.256	0.211	17.6	52	0.00
29 T	Tetrahydrofuran	0.057	0.049	14.0	54	0.00
30 C	Chloroform	0.861	0.950	-10.3#	71	0.00
31 T	Cyclohexane	0.681	0.554	18.6	57	0.00
32 T	1,1,1-Trichloroethane	0.881	1.056	-19.9	77	0.00
33 S	1,2-Dichloroethane-d4	0.490	0.548	-11.8	72	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	61	0.00
35 S	Dibromofluoromethane	0.313	0.321	-2.6	62	0.00
36 T	1,1-Dichloropropene	0.456	0.490	-7.5	67	0.00
37 T	Ethyl Acetate	0.155	0.143	7.7	56	0.00
38 T	Carbon Tetrachloride	0.594	0.761	-28.1#	79	0.00
39 T	Methylcyclohexane	0.537	0.577	-7.4	63	0.00
40 TM	Benzene	1.200	1.248	-4.0	63	0.00
41 T	Methacrylonitrile	0.096	0.100	-4.2	59	-0.02
42 TM	1,2-Dichloroethane	0.423	0.528	-24.8#	76	0.00
43 T	Isopropyl Acetate	0.311	0.304	2.3	59	0.00
44 TM	Trichloroethene	0.390	0.428	-9.7	68	0.00
45 C	1,2-Dichloropropane	0.272	0.248	8.8#	55	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.169	0.180	-6.5	64	0.00
47 T	Bromodichloromethane	0.466	0.548	-17.6	71	0.00
48 T	Methyl methacrylate	0.161	0.159	1.2	62	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	61	0.00
50 S	Toluene-d8	1.144	1.213	-6.0	64	0.00
51 T	4-Methyl-2-Pentanone	0.151	0.146	3.3	57	0.00
52 CM	Toluene	0.813	0.892	-9.7#	65	0.00
53 T	t-1,3-Dichloropropene	0.442	0.500	-13.1	68	0.00
54 T	cis-1,3-Dichloropropene	0.496	0.528	-6.5	64	0.00
55 T	1,1,2-Trichloroethane	0.229	0.232	-1.3	62	0.00
56 T	Ethyl methacrylate	0.265	0.277	-4.5	60	0.00
57 T	1,3-Dichloropropane	0.379	0.383	-1.1	61	0.00
58 T	2-Chloroethyl Vinyl ether	0.110	0.097	11.8	51	0.00
59 T	2-Hexanone	0.106	0.108	-1.9	58	0.00
60 T	Dibromochloromethane	0.346	0.394	-13.9	70	0.00
61 T	1,2-Dibromoethane	0.226	0.236	-4.4	65	0.00
62 S	4-Bromofluorobenzene	0.406	0.426	-4.9	63	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	61	0.00
64 T	Tetrachloroethene	0.379	0.437	-15.3	70	0.00
65 PM	Chlorobenzene	0.995	1.101	-10.7	66	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.473	-16.2	71	0.00
67 C	Ethyl Benzene	1.751	2.001	-14.3#	67	0.00
68 T	m/p-Xylenes	0.667	0.755	-13.2	67	0.00
69 T	o-Xylene	0.621	0.695	-11.9	68	0.00
70 T	Styrene	1.066	1.209	-13.4	68	0.00
71 P	Bromoform	0.231	0.258	-11.7	68	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	64	0.00
73 T	Isopropylbenzene	3.349	3.793	-13.3	71	0.00
74 T	N-amyl acetate	0.605	0.573	5.3	57	0.00
75 P	1,1,2,2-Tetrachloroethane	0.478	0.428	10.5	57	0.00
76 T	1,2,3-Trichloropropane	0.352	0.400	-13.6	72	0.00
77 T	Bromobenzene	0.850	0.903	-6.2	66	0.00
78 T	n-propylbenzene	3.840	4.104	-6.9	67	0.00
79 T	2-Chlorotoluene	2.193	2.351	-7.2	68	0.00
80 T	1,3,5-Trimethylbenzene	2.892	3.313	-14.6	70	0.00
81 T	trans-1,4-Dichloro-2-butene	0.166	0.167	-0.6	62	0.00
82 T	4-Chlorotoluene	2.324	2.520	-8.4	68	0.00
83 T	tert-Butylbenzene	2.512	2.840	-13.1	71	0.00
84 T	1,2,4-Trimethylbenzene	2.841	3.256	-14.6	71	0.00
85 T	sec-Butylbenzene	3.291	3.708	-12.7	70	0.00
86 T	p-Isopropyltoluene	3.173	3.648	-15.0	71	0.00
87 T	1,3-Dichlorobenzene	1.587	1.754	-10.5	70	0.00
88 T	1,4-Dichlorobenzene	1.593	1.745	-9.5	70	0.00
89 T	n-Butylbenzene	2.800	3.070	-9.6	67	0.00

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Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.627	0.653	-4.1	67	0.00
91 T	1,2-Dichlorobenzene	1.366	1.503	-10.0	70	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.100	0.118	-18.0	78	0.00
93 T	1,2,4-Trichlorobenzene	1.067	1.204	-12.8	70	0.00
94 T	Hexachlorobutadiene	0.663	0.777	-17.2	73	0.00
95 T	Naphthalene	1.675	1.945	-16.1	70	0.00
96 T	1,2,3-Trichlorobenzene	0.914	1.029	-12.6	69	0.00

(#) = Out of Range

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