

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD012220\
 Data File : VD064926.D
 Acq On : 22 Jan 2020 19:29
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 23 00:30:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 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	90	0.00
2 T	Dichlorodifluoromethane	0.389	0.302	22.4#	69	0.00
3 P	Chloromethane	0.543	0.495	8.8	82	0.00
4 C	Vinyl Chloride	0.663	0.579	12.7#	80	0.00
5 T	Bromomethane	0.482	0.396	17.8	77	0.00
6 T	Chloroethane	0.444	0.413	7.0	81	0.00
7 T	Trichlorofluoromethane	1.116	0.975	12.6	78	0.00
8 T	Diethyl Ether	0.222	0.250	-12.6	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.462	0.471	-1.9	90	0.00
10 T	Methyl Iodide	0.496	0.480	3.2	78	0.00
11 T	Tert butyl alcohol	0.025	0.033	-32.0#	109	0.00
12 CM	1,1-Dichloroethene	0.440	0.420	4.5#	85	0.00
13 T	Acrolein	0.035	0.035	0.0	86	0.00
14 T	Allyl chloride	0.686	0.737	-7.4	95	0.00
15 T	Acrylonitrile	0.092	0.124	-34.8#	117	0.00
16 T	Acetone	0.091	0.103	-13.2	101	0.00
17 T	Carbon Disulfide	1.422	1.176	17.3	74	0.00
18 T	Methyl Acetate	0.248	0.321	-29.4#	116	0.00
19 T	Methyl tert-butyl Ether	0.977	1.210	-23.8#	107	0.00
20 T	Methylene Chloride	0.524	0.537	-2.5	100	0.00
21 T	trans-1,2-Dichloroethene	0.501	0.510	-1.8	92	0.00
22 T	Diisopropyl ether	1.368	1.655	-21.0#	106	0.00
23 T	Vinyl Acetate	0.776	0.994	-28.1#	108	0.00
24 P	1,1-Dichloroethane	0.821	0.934	-13.8	101	0.00
25 T	2-Butanone	0.121	0.157	-29.8#	112	0.00
26 T	2,2-Dichloropropane	0.764	0.820	-7.3	96	0.00
27 T	cis-1,2-Dichloroethene	0.541	0.591	-9.2	96	0.00
28 T	Bromochloromethane	0.319	0.387	-21.3#	100	0.00
29 T	Tetrahydrofuran	0.075	0.100	-33.3#	114	0.00
30 C	Chloroform	0.862	0.990	-14.8#	103	0.00
31 T	Cyclohexane	0.822	0.743	9.6	85	0.00
32 T	1,1,1-Trichloroethane	0.809	0.878	-8.5	97	0.00
33 S	1,2-Dichloroethane-d4	0.441	0.511	-15.9	102	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35 S	Dibromofluoromethane	0.307	0.334	-8.8	95	0.00
36 T	1,1-Dichloropropene	0.481	0.494	-2.7	92	0.00
37 T	Ethyl Acetate	0.189	0.250	-32.3#	114	0.00
38 T	Carbon Tetrachloride	0.513	0.535	-4.3	92	0.00
39 T	Methylcyclohexane	0.583	0.545	6.5	82	0.00
40 TM	Benzene	1.314	1.409	-7.2	97	0.00
41 T	Methacrylonitrile	0.110	0.133	-20.9#	99	0.00
42 TM	1,2-Dichloroethane	0.380	0.454	-19.5	107	0.00
43 T	Isopropyl Acetate	0.376	0.474	-26.1#	110	0.00
44 TM	Trichloroethene	0.386	0.391	-1.3	92	0.00
45 C	1,2-Dichloropropane	0.314	0.364	-15.9#	104	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.175	0.208	-18.9	105	0.00
47 T	Bromodichloromethane	0.465	0.546	-17.4	105	0.00
48 T	Methyl methacrylate	0.177	0.227	-28.2#	107	0.00
49 T	1,4-Dioxane	0.002	0.003	-50.0#	120	0.01
50 S	Toluene-d8	1.175	1.219	-3.7	91	0.00
51 T	4-Methyl-2-Pentanone	0.186	0.249	-33.9#	118	0.00
52 CM	Toluene	0.862	0.928	-7.7#	96	0.00
53 T	t-1,3-Dichloropropene	0.434	0.518	-19.4	105	0.00
54 T	cis-1,3-Dichloropropene	0.512	0.587	-14.6	101	0.00
55 T	1,1,2-Trichloroethane	0.236	0.281	-19.1	107	0.00
56 T	Ethyl methacrylate	0.294	0.369	-25.5#	109	0.00
57 T	1,3-Dichloropropane	0.406	0.497	-22.4#	109	0.00
58 T	2-Chloroethyl Vinyl ether	0.112	0.126	-12.5	105	0.00
59 T	2-Hexanone	0.126	0.170	-34.9#	115	0.00
60 T	Dibromochloromethane	0.326	0.388	-19.0	106	0.00
61 T	1,2-Dibromoethane	0.232	0.270	-16.4	103	0.00
62 S	4-Bromofluorobenzene	0.372	0.407	-9.4	95	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.384	0.360	6.3	89	0.00
65 PM	Chlorobenzene	1.038	1.084	-4.4	97	0.00
66 T	1,1,1,2-Tetrachloroethane	0.391	0.439	-12.3	105	0.00
67 C	Ethyl Benzene	1.884	1.931	-2.5#	95	0.00
68 T	m/p-Xylenes	0.727	0.749	-3.0	95	0.00
69 T	o-Xylene	0.657	0.684	-4.1	96	0.00
70 T	Styrene	1.153	1.259	-9.2	101	0.00
71 P	Bromoform	0.223	0.255	-14.3	106	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.573	3.638	-1.8	94	0.00
74 T	N-amyl acetate	0.764	0.932	-22.0#	111	0.00
75 P	1,1,2,2-Tetrachloroethane	0.561	0.674	-20.1#	113	0.00
76 T	1,2,3-Trichloropropane	0.395	0.455	-15.2	126	0.00
77 T	Bromobenzene	0.878	0.923	-5.1	99	0.00
78 T	n-propylbenzene	4.168	4.308	-3.4	96	0.00
79 T	2-Chlorotoluene	2.290	2.403	-4.9	99	0.00
80 T	1,3,5-Trimethylbenzene	2.935	3.011	-2.6	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.229	-21.2#	114	0.00
82 T	4-Chlorotoluene	2.437	2.550	-4.6	99	0.00
83 T	tert-Butylbenzene	2.548	2.569	-0.8	93	0.00
84 T	1,2,4-Trimethylbenzene	2.923	3.044	-4.1	97	0.00
85 T	sec-Butylbenzene	3.494	3.557	-1.8	94	0.00
86 T	p-Isopropyltoluene	3.341	3.338	0.1	92	0.00
87 T	1,3-Dichlorobenzene	1.674	1.777	-6.2	100	0.00
88 T	1,4-Dichlorobenzene	1.644	1.698	-3.3	97	0.00
89 T	n-Butylbenzene	3.008	3.031	-0.8	93	0.00

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90 T	Hexachloroethane	0.638	0.648	-1.6	95	0.00
91 T	1,2-Dichlorobenzene	1.427	1.517	-6.3	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.091	0.110	-20.9#	116	0.00
93 T	1,2,4-Trichlorobenzene	1.051	1.065	-1.3	94	0.00
94 T	Hexachlorobutadiene	0.661	0.625	5.4	89	0.00
95 T	Naphthalene	1.662	1.879	-13.1	102	0.00
96 T	1,2,3-Trichlorobenzene	0.897	0.946	-5.5	98	0.00

(#) = Out of Range

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