

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064632.D
 Acq On : 27 Dec 2019 08:16
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 27 08:42:22 2019
 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	78	0.00
2 T	Dichlorodifluoromethane	0.389	0.335	13.9	66	0.00
3 P	Chloromethane	0.543	0.566	-4.2	81	0.00
4 C	Vinyl Chloride	0.663	0.634	4.4#	76	0.00
5 T	Bromomethane	0.482	0.500	-3.7	84	0.00
6 T	Chloroethane	0.444	0.468	-5.4	80	0.00
7 T	Trichlorofluoromethane	1.116	1.047	6.2	73	0.00
8 T	Diethyl Ether	0.222	0.245	-10.4	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.462	0.420	9.1	70	0.00
10 T	Methyl Iodide	0.496	0.548	-10.5	77	0.00
11 T	Tert butyl alcohol	0.025	0.029	-16.0	83	0.00
12 CM	1,1-Dichloroethene	0.440	0.435	1.1#	76	0.00
13 T	Acrolein	0.035	0.037	-5.7	78	0.00
14 T	Allyl chloride	0.686	0.733	-6.9	82	0.00
15 T	Acrylonitrile	0.092	0.112	-21.7#	91	0.00
16 T	Acetone	0.091	0.085	6.6	72	0.00
17 T	Carbon Disulfide	1.422	1.408	1.0	77	0.00
18 T	Methyl Acetate	0.248	0.288	-16.1	90	0.00
19 T	Methyl tert-butyl Ether	0.977	1.148	-17.5	88	0.01
20 T	Methylene Chloride	0.524	0.557	-6.3	90	0.00
21 T	trans-1,2-Dichloroethene	0.501	0.532	-6.2	83	0.00
22 T	Diisopropyl ether	1.368	1.555	-13.7	86	0.00
23 T	Vinyl Acetate	0.776	0.949	-22.3#	89	0.00
24 P	1,1-Dichloroethane	0.821	0.922	-12.3	86	0.00
25 T	2-Butanone	0.121	0.138	-14.0	85	0.00
26 T	2,2-Dichloropropane	0.764	0.681	10.9	69	0.00
27 T	cis-1,2-Dichloroethene	0.541	0.598	-10.5	84	0.00
28 T	Bromochloromethane	0.319	0.395	-23.8#	88	0.00
29 T	Tetrahydrofuran	0.075	0.093	-24.0#	92	0.00
30 C	Chloroform	0.862	0.985	-14.3#	88	0.00
31 T	Cyclohexane	0.822	0.708	13.9	70	0.00
32 T	1,1,1-Trichloroethane	0.809	0.827	-2.2	79	0.00
33 S	1,2-Dichloroethane-d4	0.441	0.545	-23.6#	94	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35 S	Dibromofluoromethane	0.307	0.338	-10.1	89	0.00
36 T	1,1-Dichloropropene	0.481	0.435	9.6	76	0.00
37 T	Ethyl Acetate	0.189	0.208	-10.1	89	0.00
38 T	Carbon Tetrachloride	0.513	0.466	9.2	75	0.00
39 T	Methylcyclohexane	0.583	0.485	16.8	68	0.00
40 TM	Benzene	1.314	1.339	-1.9	86	0.00
41 T	Methacrylonitrile	0.110	0.117	-6.4	81	-0.01
42 TM	1,2-Dichloroethane	0.380	0.403	-6.1	89	0.00
43 T	Isopropyl Acetate	0.376	0.404	-7.4	88	0.00
44 TM	Trichloroethene	0.386	0.380	1.6	83	0.00
45 C	1,2-Dichloropropane	0.314	0.324	-3.2#	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.175	0.189	-8.0	88	0.00
47 T	Bromodichloromethane	0.465	0.489	-5.2	87	0.00
48 T	Methyl methacrylate	0.177	0.194	-9.6	85	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	94	0.01
50 S	Toluene-d8	1.175	1.264	-7.6	88	0.00
51 T	4-Methyl-2-Pentanone	0.186	0.210	-12.9	93	0.00
52 CM	Toluene	0.862	0.867	-0.6#	84	0.00
53 T	t-1,3-Dichloropropene	0.434	0.458	-5.5	86	0.00
54 T	cis-1,3-Dichloropropene	0.512	0.519	-1.4	83	0.00
55 T	1,1,2-Trichloroethane	0.236	0.251	-6.4	89	0.00
56 T	Ethyl methacrylate	0.294	0.323	-9.9	89	0.00
57 T	1,3-Dichloropropane	0.406	0.435	-7.1	89	0.00
58 T	2-Chloroethyl Vinyl ether	0.112	0.118	-5.4	92	0.00
59 T	2-Hexanone	0.126	0.140	-11.1	88	0.00
60 T	Dibromochloromethane	0.326	0.347	-6.4	88	0.00
61 T	1,2-Dibromoethane	0.232	0.249	-7.3	89	0.00
62 S	4-Bromofluorobenzene	0.372	0.402	-8.1	88	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64 T	Tetrachloroethene	0.384	0.342	10.9	79	0.00
65 PM	Chlorobenzene	1.038	1.015	2.2	84	0.00
66 T	1,1,1,2-Tetrachloroethane	0.391	0.398	-1.8	88	0.00
67 C	Ethyl Benzene	1.884	1.783	5.4#	82	0.00
68 T	m/p-Xylenes	0.727	0.692	4.8	81	0.00
69 T	o-Xylene	0.657	0.646	1.7	85	0.00
70 T	Styrene	1.153	1.165	-1.0	87	0.00
71 P	Bromoform	0.223	0.232	-4.0	90	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73 T	Isopropylbenzene	3.573	3.450	3.4	80	0.00
74 T	N-amyl acetate	0.764	0.842	-10.2	90	0.00
75 P	1,1,2,2-Tetrachloroethane	0.561	0.607	-8.2	91	0.00
76 T	1,2,3-Trichloropropane	0.395	0.353	10.6	88	0.00
77 T	Bromobenzene	0.878	0.904	-3.0	87	0.00
78 T	n-propylbenzene	4.168	3.992	4.2	80	0.00
79 T	2-Chlorotoluene	2.290	2.261	1.3	84	0.00
80 T	1,3,5-Trimethylbenzene	2.935	2.879	1.9	81	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.181	4.2	81	0.00
82 T	4-Chlorotoluene	2.437	2.398	1.6	84	0.00
83 T	tert-Butylbenzene	2.548	2.483	2.6	81	0.00
84 T	1,2,4-Trimethylbenzene	2.923	2.917	0.2	83	0.00
85 T	sec-Butylbenzene	3.494	3.287	5.9	78	0.00
86 T	p-Isopropyltoluene	3.341	3.145	5.9	78	0.00
87 T	1,3-Dichlorobenzene	1.674	1.641	2.0	83	0.00
88 T	1,4-Dichlorobenzene	1.644	1.632	0.7	84	0.00
89 T	n-Butylbenzene	3.008	2.674	11.1	74	0.00

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90 T	Hexachloroethane	0.638	0.620	2.8	82	0.00
91 T	1,2-Dichlorobenzene	1.427	1.446	-1.3	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.091	0.097	-6.6	93	0.00
93 T	1,2,4-Trichlorobenzene	1.051	1.001	4.8	80	0.00
94 T	Hexachlorobutadiene	0.661	0.554	16.2	71	0.00
95 T	Naphthalene	1.662	1.786	-7.5	87	0.00
96 T	1,2,3-Trichlorobenzene	0.897	0.896	0.1	83	0.00

(#) = Out of Range

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