

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
 Data File : VD061223.D
 Acq On : 20 Mar 2019 23:34
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 22 02:04:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 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	76	0.00
2 T	Dichlorodifluoromethane	0.495	0.422	14.7	65	-0.03
3 P	Chloromethane	0.413	0.372	9.9	72	-0.02
4 C	Vinyl Chloride	0.381	0.344	9.7#	68	-0.02
5 T	Bromomethane	0.073	0.073	0.0	79	-0.02
6 T	Chloroethane	0.114	0.122	-7.0	69	-0.02
7 T	Trichlorofluoromethane	0.548	0.474	13.5	61	-0.02
8 T	Diethyl Ether	0.181	0.208	-14.9	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.612	0.593	3.1	79	-0.02
10 T	Methyl Iodide	0.714	0.862	-20.7#	74	-0.02
11 T	Tert butyl alcohol	0.026	0.030	-15.4	79	-0.02
12 CM	1,1-Dichloroethene	0.502	0.480	4.4#	75	0.00
13 T	Acrolein	0.038	0.044	-15.8	95	-0.02
14 T	Allyl chloride	0.803	0.748	6.8	69	-0.02
15 T	Acrylonitrile	0.094	0.107	-13.8	89	-0.02
16 T	Acetone	0.119	0.107	10.1	67	0.00
17 T	Carbon Disulfide	1.693	1.444	14.7	65	-0.02
18 T	Methyl Acetate	0.234	0.313	-33.8#	104	-0.02
19 T	Methyl tert-butyl Ether	0.880	1.080	-22.7#	91	0.00
20 T	Methylene Chloride	0.636	0.565	11.2	75	-0.02
21 T	trans-1,2-Dichloroethene	0.543	0.563	-3.7	78	-0.02
22 T	Diisopropyl ether	1.667	1.683	-1.0	73	-0.02
23 T	Vinyl Acetate	0.856	0.879	-2.7	77	0.00
24 P	1,1-Dichloroethane	0.913	0.974	-6.7	78	-0.02
25 T	2-Butanone	0.135	0.148	-9.6	78	0.00
26 T	2,2-Dichloropropane	0.713	0.710	0.4	75	0.00
27 T	cis-1,2-Dichloroethene	0.576	0.627	-8.9	79	-0.02
28 T	Bromochloromethane	0.387	0.441	-14.0	85	-0.02
29	Tetrahydrofuran	0.073	0.080	-9.6	78	0.00
30 C	Chloroform	0.947	1.024	-8.1#	86	-0.02
31 T	Cyclohexane	0.736	0.665	9.6	63	0.00
32 T	1,1,1-Trichloroethane	0.818	0.832	-1.7	76	0.00
33 S	1,2-Dichloroethane-d4	0.416	0.410	1.4	75	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35 S	Dibromofluoromethane	0.371	0.392	-5.7	83	0.00
36 T	1,1-Dichloropropene	0.431	0.389	9.7	74	0.00
37 T	Ethyl Acetate	0.202	0.194	4.0	78	0.00
38 T	Carbon Tetrachloride	0.475	0.497	-4.6	86	0.00
39 T	Methylcyclohexane	0.447	0.415	7.2	71	0.00
40 TM	Benzene	1.077	0.974	9.6	68	0.00
41 T	Methacrylonitrile	0.233	0.252	-8.2	83	0.00
42 TM	1,2-Dichloroethane	0.313	0.343	-9.6	83	0.00
43 T	Isopropyl Acetate	0.280	0.292	-4.3	78	0.00
44 TM	Trichloroethene	0.372	0.396	-6.5	81	0.00
45 C	1,2-Dichloropropane	0.283	0.285	-0.7#	78	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.179	0.191	-6.7	83	0.00
47 T	Bromodichloromethane	0.405	0.433	-6.9	79	0.00
48 T	Methyl methacrylate	0.158	0.174	-10.1	84	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	84	0.00
50 S	Toluene-d8	0.932	0.884	5.2	75	0.00
51 T	4-Methyl-2-Pentanone	0.172	0.178	-3.5	81	0.00
52 CM	Toluene	0.670	0.632	5.7#	73	0.00
53 T	t-1,3-Dichloropropene	0.370	0.403	-8.9	85	0.00
54 T	cis-1,3-Dichloropropene	0.445	0.468	-5.2	86	0.00
55 T	1,1,2-Trichloroethane	0.223	0.226	-1.3	80	0.00
56 T	Ethyl methacrylate	0.233	0.235	-0.9	78	0.00
57 T	1,3-Dichloropropane	0.333	0.360	-8.1	87	0.00
58 T	2-Chloroethyl Vinyl ether	0.124	0.122	1.6	82	0.00
59 T	2-Hexanone	0.126	0.132	-4.8	80	0.00
60 T	Dibromochloromethane	0.328	0.379	-15.5	87	0.00
61 T	1,2-Dibromoethane	0.259	0.262	-1.2	76	0.00
62 S	4-Bromofluorobenzene	0.362	0.359	0.8	83	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
64 T	Tetrachloroethene	0.338	0.354	-4.7	76	0.00
65 PM	Chlorobenzene	0.980	1.040	-6.1	79	0.00
66 T	1,1,1,2-Tetrachloroethane	0.349	0.403	-15.5	83	0.00
67 C	Ethyl Benzene	1.459	1.471	-0.8#	76	0.00
68 T	m/p-Xylenes	0.573	0.599	-4.5	77	0.00
69 T	o-Xylene	0.563	0.583	-3.6	80	0.00
70 T	Styrene	0.919	0.910	1.0	76	0.00
71 P	Bromoform	0.225	0.264	-17.3	84	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	71	0.00
73 T	Isopropylbenzene	3.603	4.123	-14.4	84	0.00
74 T	N-amyl acetate	1.015	0.996	1.9	68	0.00
75 P	1,1,2,2-Tetrachloroethane	0.703	0.877	-24.8#	88	0.00
76 T	1,2,3-Trichloropropane	0.719	0.866	-20.4#	84	0.00
77 T	Bromobenzene	0.920	1.091	-18.6	82	0.00
78 T	n-propylbenzene	4.218	4.611	-9.3	76	0.00
79 T	2-Chlorotoluene	2.322	2.557	-10.1	85	0.00
80 T	1,3,5-Trimethylbenzene	2.736	3.182	-16.3	78	0.00
81 T	trans-1,4-Dichloro-2-butene	0.212	0.259	-22.2#	82	0.00
82 T	4-Chlorotoluene	2.746	2.721	0.9	68	0.00
83 T	tert-Butylbenzene	2.994	3.788	-26.5#	81	0.00
84 T	1,2,4-Trimethylbenzene	2.736	3.182	-16.3	78	0.00
85 T	sec-Butylbenzene	3.655	3.977	-8.8	83	0.00
86 T	p-Isopropyltoluene	2.987	3.476	-16.4	79	0.00
87 T	1,3-Dichlorobenzene	1.643	1.947	-18.5	83	0.00
88 T	1,4-Dichlorobenzene	1.614	1.742	-7.9	78	0.00
89 T	n-Butylbenzene	2.869	3.057	-6.6	75	0.00

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90 T	Hexachloroethane	0.844	0.956	-13.3	77	0.00
91 T	1,2-Dichlorobenzene	1.369	1.763	-28.8#	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.085	0.113	-32.9#	89	0.00
93 T	1,2,4-Trichlorobenzene	0.635	0.784	-23.5#	82	0.00
94 T	Hexachlorobutadiene	0.480	0.557	-16.0	85	0.00
95 T	Naphthalene	0.965	1.396	-44.7#	107	0.00
96 T	1,2,3-Trichlorobenzene	0.314	0.380	-21.0#	96	0.00

(#) = Out of Range

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