

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122419\
 Data File : VD064587.D
 Acq On : 24 Dec 2019 13:20
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD122419

Quant Time: Dec 24 17:20:03 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	107	0.00
2 T	Dichlorodifluoromethane	0.389	0.394	-1.3	107	0.00
3 P	Chloromethane	0.543	0.563	-3.7	111	0.00
4 C	Vinyl Chloride	0.663	0.655	1.2#	108	0.00
5 T	Bromomethane	0.482	0.446	7.5	103	0.00
6 T	Chloroethane	0.444	0.441	0.7	104	0.00
7 T	Trichlorofluoromethane	1.116	1.112	0.4	106	0.00
8 T	Diethyl Ether	0.222	0.207	6.8	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.462	0.471	-1.9	107	0.00
10 T	Methyl Iodide	0.496	0.485	2.2	94	0.00
11 T	Tert butyl alcohol	0.025	0.026	-4.0	102	0.00
12 CM	1,1-Dichloroethene	0.440	0.442	-0.5#	106	0.00
13 T	Acrolein	0.035	0.035	0.0	101	0.00
14 T	Allyl chloride	0.686	0.681	0.7	105	0.00
15 T	Acrylonitrile	0.092	0.087	5.4	98	0.00
16 T	Acetone	0.091	0.099	-8.8	115	0.00
17 T	Carbon Disulfide	1.422	1.401	1.5	106	0.00
18 T	Methyl Acetate	0.248	0.229	7.7	99	0.00
19 T	Methyl tert-butyl Ether	0.977	0.937	4.1	99	0.00
20 T	Methylene Chloride	0.524	0.456	13.0	101	0.00
21 T	trans-1,2-Dichloroethene	0.501	0.497	0.8	106	0.00
22 T	Diisopropyl ether	1.368	1.311	4.2	100	0.00
23 T	Vinyl Acetate	0.776	0.772	0.5	100	0.00
24 P	1,1-Dichloroethane	0.821	0.812	1.1	104	0.00
25 T	2-Butanone	0.121	0.119	1.7	101	0.00
26 T	2,2-Dichloropropane	0.764	0.772	-1.0	108	0.00
27 T	cis-1,2-Dichloroethene	0.541	0.530	2.0	103	0.00
28 T	Bromochloromethane	0.319	0.335	-5.0	103	0.00
29 T	Tetrahydrofuran	0.075	0.071	5.3	96	0.00
30 C	Chloroform	0.862	0.842	2.3#	104	0.00
31 T	Cyclohexane	0.822	0.791	3.8	107	0.00
32 T	1,1,1-Trichloroethane	0.809	0.799	1.2	105	0.00
33 S	1,2-Dichloroethane-d4	0.441	0.423	4.1	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35 S	Dibromofluoromethane	0.307	0.303	1.3	97	0.00
36 T	1,1-Dichloropropene	0.481	0.499	-3.7	106	0.00
37 T	Ethyl Acetate	0.189	0.190	-0.5	98	0.00
38 T	Carbon Tetrachloride	0.513	0.537	-4.7	105	0.00
39 T	Methylcyclohexane	0.583	0.619	-6.2	106	0.00
40 TM	Benzene	1.314	1.331	-1.3	104	0.00
41 T	Methacrylonitrile	0.110	0.111	-0.9	94	0.00
42 TM	1,2-Dichloroethane	0.380	0.368	3.2	98	0.00
43 T	Isopropyl Acetate	0.376	0.363	3.5	96	0.00
44 TM	Trichloroethene	0.386	0.391	-1.3	104	0.00
45 C	1,2-Dichloropropane	0.314	0.315	-0.3#	102	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.175	0.173	1.1	99	0.00
47 T	Bromodichloromethane	0.465	0.455	2.2	99	0.00
48 T	Methyl methacrylate	0.177	0.168	5.1	90	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	96	0.00
50 S	Toluene-d8	1.175	1.199	-2.0	101	0.00
51 T	4-Methyl-2-Pentanone	0.186	0.182	2.2	97	0.00
52 CM	Toluene	0.862	0.882	-2.3#	104	0.00
53 T	t-1,3-Dichloropropene	0.434	0.444	-2.3	102	0.00
54 T	cis-1,3-Dichloropropene	0.512	0.524	-2.3	102	0.00
55 T	1,1,2-Trichloroethane	0.236	0.231	2.1	100	0.00
56 T	Ethyl methacrylate	0.294	0.291	1.0	98	0.00
57 T	1,3-Dichloropropane	0.406	0.395	2.7	98	0.00
58 T	2-Chloroethyl Vinyl ether	0.112	0.106	5.4	101	0.00
59 T	2-Hexanone	0.126	0.131	-4.0	100	0.00
60 T	Dibromochloromethane	0.326	0.321	1.5	99	0.00
61 T	1,2-Dibromoethane	0.232	0.228	1.7	99	0.00
62 S	4-Bromofluorobenzene	0.372	0.369	0.8	98	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.384	0.408	-6.2	106	0.00
65 PM	Chlorobenzene	1.038	1.052	-1.3	99	0.00
66 T	1,1,1,2-Tetrachloroethane	0.391	0.414	-5.9	104	0.00
67 C	Ethyl Benzene	1.884	1.981	-5.1#	103	0.00
68 T	m/p-Xylenes	0.727	0.775	-6.6	103	0.00
69 T	o-Xylene	0.657	0.692	-5.3	102	0.00
70 T	Styrene	1.153	1.195	-3.6	101	0.00
71 P	Bromoform	0.223	0.226	-1.3	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	3.573	3.757	-5.1	102	0.00
74 T	N-amyl acetate	0.764	0.783	-2.5	98	0.00
75 P	1,1,2,2-Tetrachloroethane	0.561	0.551	1.8	97	0.00
76 T	1,2,3-Trichloropropane	0.395	0.436	-10.4	127	0.00
77 T	Bromobenzene	0.878	0.891	-1.5	100	0.00
78 T	n-propylbenzene	4.168	4.425	-6.2	104	0.00
79 T	2-Chlorotoluene	2.290	2.341	-2.2	101	0.00
80 T	1,3,5-Trimethylbenzene	2.935	3.094	-5.4	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.188	0.5	98	0.00
82 T	4-Chlorotoluene	2.437	2.507	-2.9	102	0.00
83 T	tert-Butylbenzene	2.548	2.736	-7.4	104	0.00
84 T	1,2,4-Trimethylbenzene	2.923	3.091	-5.7	103	0.00
85 T	sec-Butylbenzene	3.494	3.771	-7.9	105	0.00
86 T	p-Isopropyltoluene	3.341	3.555	-6.4	103	0.00
87 T	1,3-Dichlorobenzene	1.674	1.727	-3.2	102	0.00
88 T	1,4-Dichlorobenzene	1.644	1.691	-2.9	101	0.00
89 T	n-Butylbenzene	3.008	3.285	-9.2	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.638	0.655	-2.7	101	0.00
91 T	1,2-Dichlorobenzene	1.427	1.447	-1.4	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.091	0.092	-1.1	102	0.00
93 T	1,2,4-Trichlorobenzene	1.051	1.112	-5.8	103	0.00
94 T	Hexachlorobutadiene	0.661	0.711	-7.6	106	0.00
95 T	Naphthalene	1.662	1.741	-4.8	99	0.00
96 T	1,2,3-Trichlorobenzene	0.897	0.938	-4.6	102	0.00

(#) = Out of Range

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