

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU092018\
 Data File : VU026923.D
 Acq On : 20 Sep 2018 01:28
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 20 08:10:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 05:32:45 2018
 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	108	0.00
2 T	Dichlorodifluoromethane	0.653	0.563	13.8	95	0.00
3 P	Chloromethane	1.126	0.657	41.7#	67	0.00
4 C	Vinyl Chloride	1.051	0.721	31.4#	76	0.00
5 T	Bromomethane	0.598	0.518	13.4	104	0.00
6 T	Chloroethane	0.671	0.459	31.6#	76	0.00
7 T	Trichlorofluoromethane	1.193	0.943	21.0#	88	0.00
8 T	Diethyl Ether	0.574	0.417	27.4#	80	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.734	0.569	22.5#	88	0.00
10 T	Methyl Iodide	0.910	0.402	55.8#	48#	0.00
11 T	Tert butyl alcohol	0.231	0.150	35.1#	72	0.00
12 CM	1,1-Dichloroethene	0.691	0.555	19.7#	90	0.00
13 T	Acrolein	0.124	0.154	-24.2#	127	0.00
14 T	Allyl chloride	1.469	0.919	37.4#	71	0.00
15 T	Acrylonitrile	0.581	0.384	33.9#	70	0.00
16 T	Acetone	0.658	0.333	49.4#	65	0.00
17 T	Carbon Disulfide	2.250	1.660	26.2#	83	0.00
18 T	Methyl Acetate	1.432	0.937	34.6#	71	0.00
19 T	Methyl tert-butyl Ether	2.538	1.944	23.4#	82	0.00
20 T	Methylene Chloride	0.901	0.669	25.7#	86	0.00
21 T	trans-1,2-Dichloroethene	0.737	0.595	19.3	86	0.00
22 T	Diisopropyl ether	2.996	2.042	31.8#	70	0.00
23 T	Vinyl Acetate	2.554	1.708	33.1#	69	0.00
24 P	1,1-Dichloroethane	1.650	1.155	30.0#	76	0.00
25 T	2-Butanone	0.846	0.503	40.5#	65	0.00
26 T	2,2-Dichloropropane	1.287	0.728	43.4#	62	0.00
27 T	cis-1,2-Dichloroethene	0.833	0.672	19.3	86	0.00
28 T	Bromochloromethane	0.795	0.529	33.5#	70	0.00
29 T	Tetrahydrofuran	0.512	0.327	36.1#	66	0.00
30 C	Chloroform	1.532	1.144	25.3#	82	0.00
31 T	Cyclohexane	1.687	1.020	39.5#	73	0.00
32 T	1,1,1-Trichloroethane	1.223	0.980	19.9	86	0.00
33 S	1,2-Dichloroethane-d4	1.006	0.688	31.6#	74	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.433	0.407	6.0	89	0.00
36 T	1,1-Dichloropropene	0.667	0.574	13.9	81	0.00
37 T	Ethyl Acetate	0.903	0.625	30.8#	66	0.00
38 T	Carbon Tetrachloride	0.635	0.596	6.1	89	0.00
39 T	Methylcyclohexane	0.725	0.663	8.6	81	0.00
40 TM	Benzene	2.029	1.765	13.0	83	0.00
41 T	Methacrylonitrile	0.469	0.356	24.1#	68	0.00
42 TM	1,2-Dichloroethane	0.766	0.607	20.8#	74	0.00
43 T	Isopropyl Acetate	1.317	0.980	25.6#	68	0.00
44 TM	Trichloroethene	0.432	0.457	-5.8	99	0.00
45 C	1,2-Dichloropropane	0.578	0.464	19.7#	75	0.00

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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)
46 T	Dibromomethane	0.349	0.306	12.3	83	0.00
47 T	Bromodichloromethane	0.706	0.604	14.4	82	0.00
48 T	Methyl methacrylate	0.642	0.504	21.5#	68	0.00
49 T	1,4-Dioxane	0.013	0.012	7.7	82	0.00
50 S	Toluene-d8	1.652	1.492	9.7	83	0.00
51 T	4-Methyl-2-Pentanone	0.886	0.650	26.6#	65	0.00
52 CM	Toluene	1.163	1.103	5.2#	84	0.00
53 T	t-1,3-Dichloropropene	0.758	0.644	15.0	76	0.00
54 T	cis-1,3-Dichloropropene	0.834	0.695	16.7	75	0.00
55 T	1,1,2-Trichloroethane	0.493	0.453	8.1	85	0.00
56 T	Ethyl methacrylate	0.733	0.666	9.1	78	0.00
57 T	1,3-Dichloropropane	0.916	0.774	15.5	77	0.00
58 T	2-Chloroethyl Vinyl ether	0.420	0.307	26.9#	61	0.00
59 T	2-Hexanone	0.694	0.497	28.4#	65	0.00
60 T	Dibromochloromethane	0.483	0.491	-1.7	94	0.00
61 T	1,2-Dibromoethane	0.513	0.482	6.0	87	0.00
62 S	4-Bromofluorobenzene	0.567	0.542	4.4	88	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64 T	Tetrachloroethene	0.385	0.448	-16.4	109	0.00
65 PM	Chlorobenzene	1.326	1.269	4.3	90	0.00
66 T	1,1,1,2-Tetrachloroethane	0.457	0.476	-4.2	94	0.00
67 C	Ethyl Benzene	2.180	2.141	1.8#	84	0.00
68 T	m/p-Xylenes	0.798	0.863	-8.1	89	0.00
69 T	o-Xylene	0.772	0.817	-5.8	89	0.00
70 T	Styrene	1.247	1.393	-11.7	91	0.00
71 P	Bromoform	0.353	0.415	-17.6	106	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73 T	Isopropylbenzene	3.803	3.468	8.8	89	0.00
74 T	N-amyl acetate	2.202	1.439	34.7#	66	0.00
75 P	1,1,2,2-Tetrachloroethane	1.749	1.217	30.4#	78	0.00
76 T	1,2,3-Trichloropropane	1.684	1.046	37.9#	66	0.00
77 T	Bromobenzene	0.929	0.939	-1.1	105	0.00
78 T	n-propylbenzene	4.500	3.973	11.7	83	0.00
79 T	2-Chlorotoluene	2.827	2.361	16.5	84	0.00
80 T	1,3,5-Trimethylbenzene	3.140	2.908	7.4	88	0.00
81 T	trans-1,4-Dichloro-2-butene	0.656	0.306	53.4#	50	0.00
82 T	4-Chlorotoluene	3.170	2.731	13.8	85	0.00
83 T	tert-Butylbenzene	3.104	2.903	6.5	93	0.00
84 T	1,2,4-Trimethylbenzene	3.195	3.010	5.8	89	0.00
85 T	sec-Butylbenzene	3.789	3.512	7.3	89	0.00
86 T	p-Isopropyltoluene	3.186	3.174	0.4	93	0.00
87 T	1,3-Dichlorobenzene	1.730	1.710	1.2	104	0.00
88 T	1,4-Dichlorobenzene	1.885	1.740	7.7	102	0.00
89 T	n-Butylbenzene	2.969	2.605	12.3	82	0.00

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90 T	Hexachloroethane	0.689	0.545	20.9#	87	0.00
91 T	1,2-Dichlorobenzene	1.837	1.726	6.0	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.357	0.256	28.3#	76	0.00
93 T	1,2,4-Trichlorobenzene	1.059	1.215	-14.7	113	0.00
94 T	Hexachlorobutadiene	0.560	0.636	-13.6	118	0.00
95 T	Naphthalene	3.647	3.769	-3.3	96	0.00
96 T	1,2,3-Trichlorobenzene	1.135	1.284	-13.1	111	0.00

(#) = Out of Range

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