

Data File : VU025306.D
Acq On : 11 Jul 2018 10:40
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC050

Quant Time: Jul 12 03:22:39 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	103	0.00
2 T	Dichlorodifluoromethane	0.517	0.469	9.3	108	0.00
3 P	Chloromethane	0.586	0.459	21.7#	104	0.00
4 C	Vinyl Chloride	0.569	0.508	10.7#	107	0.00
5 T	Bromomethane	0.415	0.326	21.4#	112	0.00
6 T	Chloroethane	0.396	0.337	14.9	108	0.00
7 T	Trichlorofluoromethane	0.894	0.839	6.2	112	0.00
8 T	Diethyl Ether	0.335	0.321	4.2	114	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.554	0.507	8.5	110	0.00
10 T	Methyl Iodide	0.541	0.437	19.2	89	0.00
11 T	Tert butyl alcohol	0.169	0.144	14.8	102	0.00
12 CM	1,1-Dichloroethene	0.507	0.448	11.6#	109	0.00
13 T	Acrolein	0.112	0.059	47.3#	49#	0.00
14 T	Allyl chloride	0.919	0.814	11.4	113	0.00
15 T	Acrylonitrile	0.348	0.318	8.6	111	0.00
16 T	Acetone	0.419	0.384	8.4	123	0.00
17 T	Carbon Disulfide	1.570	1.226	21.9#	101	0.00
18 T	Methyl Acetate	0.795	0.775	2.5	118	0.00
19 T	Methyl tert-butyl Ether	1.928	1.906	1.1	118	0.00
20 T	Methylene Chloride	0.689	0.575	16.5	115	0.00
21 T	trans-1,2-Dichloroethene	0.579	0.518	10.5	110	0.00
22 T	Diisopropyl ether	1.877	1.806	3.8	115	0.00
23 T	Vinyl Acetate	1.647	1.579	4.1	113	0.00
24 P	1,1-Dichloroethane	1.059	1.037	2.1	114	0.00
25 T	2-Butanone	0.538	0.497	7.6	113	0.00
26 T	2,2-Dichloropropane	1.018	0.972	4.5	120	0.00
27 T	cis-1,2-Dichloroethene	0.670	0.619	7.6	113	0.00
28 T	Bromochloromethane	0.511	0.447	12.5	90	0.00
29 T	Tetrahydrofuran	0.323	0.292	9.6	109	0.00
30 C	Chloroform	1.121	1.090	2.8#	113	0.00
31 T	Cyclohexane	1.176	0.894	24.0#	109	0.00
32 T	1,1,1-Trichloroethane	1.016	0.995	2.1	114	0.00
33 S	1,2-Dichloroethane-d4	0.777	0.646	16.9	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35 S	Dibromofluoromethane	0.422	0.361	14.5	90	0.00
36 T	1,1-Dichloropropene	0.556	0.513	7.7	109	0.00
37 T	Ethyl Acetate	0.620	0.589	5.0	111	0.00
38 T	Carbon Tetrachloride	0.598	0.599	-0.2	114	0.00
39 T	Methylcyclohexane	0.693	0.643	7.2	109	0.00
40 TM	Benzene	1.602	1.528	4.6	114	0.00
41 T	Methacrylonitrile	0.344	0.329	4.4	113	0.00
42 TM	1,2-Dichloroethane	0.637	0.619	2.8	114	0.00
43 T	Isopropyl Acetate	0.993	0.951	4.2	113	0.00
44 TM	Trichloroethene	0.460	0.431	6.3	114	0.00
45 C	1,2-Dichloropropane	0.420	0.407	3.1#	114	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.305	0.290	4.9	112	0.00
47 T	Bromodichloromethane	0.567	0.576	-1.6	115	0.00
48 T	Methyl methacrylate	0.495	0.474	4.2	111	0.00
49 T	1,4-Dioxane	0.012	0.010	16.7	102	0.00
50 S	Toluene-d8	1.444	1.209	16.3	88	0.00
51 T	4-Methyl-2-Pentanone	0.645	0.605	6.2	113	0.00
52 CM	Toluene	1.019	0.996	2.3#	115	0.00
53 T	t-1,3-Dichloropropene	0.623	0.630	-1.1	117	0.00
54 T	cis-1,3-Dichloropropene	0.663	0.663	0.0	118	0.00
55 T	1,1,2-Trichloroethane	0.424	0.420	0.9	118	0.00
56 T	Ethyl methacrylate	0.663	0.651	1.8	116	0.00
57 T	1,3-Dichloropropane	0.705	0.693	1.7	115	0.00
58 T	2-Chloroethyl Vinyl ether	0.234	0.240	-2.6	93	0.00
59 T	2-Hexanone	0.523	0.476	9.0	111	0.00
60 T	Dibromochloromethane	0.458	0.481	-5.0	119	0.00
61 T	1,2-Dibromoethane	0.454	0.449	1.1	115	0.00
62 S	4-Bromofluorobenzene	0.582	0.502	13.7	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64 T	Tetrachloroethene	0.456	0.445	2.4	113	0.00
65 PM	Chlorobenzene	1.249	1.208	3.3	116	0.00
66 T	1,1,1,2-Tetrachloroethane	0.447	0.457	-2.2	117	0.00
67 C	Ethyl Benzene	2.129	2.065	3.0#	115	0.00
68 T	m/p-Xylenes	0.823	0.811	1.5	114	0.00
69 T	o-Xylene	0.824	0.798	3.2	112	0.00
70 T	Styrene	1.309	1.304	0.4	115	0.00
71 P	Bromoform	0.386	0.390	-1.0	117	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73 T	Isopropylbenzene	3.820	3.563	6.7	116	0.00
74 T	N-amyl acetate	1.658	1.463	11.8	114	0.00
75 P	1,1,2,2-Tetrachloroethane	1.250	1.143	8.6	114	0.00
76 T	1,2,3-Trichloropropane	1.139	1.047	8.1	122	0.00
77 T	Bromobenzene	0.977	0.904	7.5	114	0.00
78 T	n-propylbenzene	4.239	4.077	3.8	116	0.00
79 T	2-Chlorotoluene	2.653	2.424	8.6	115	0.00
80 T	1,3,5-Trimethylbenzene	3.215	3.072	4.4	116	0.00
81 T	trans-1,4-Dichloro-2-butene	0.398	0.371	6.8	114	0.00
82 T	4-Chlorotoluene	3.002	2.841	5.4	117	0.00
83 T	tert-Butylbenzene	3.248	3.061	5.8	117	0.00
84 T	1,2,4-Trimethylbenzene	3.295	3.098	6.0	114	0.00
85 T	sec-Butylbenzene	3.825	3.747	2.0	118	0.00
86 T	p-Isopropyltoluene	3.387	3.305	2.4	116	0.00
87 T	1,3-Dichlorobenzene	1.786	1.682	5.8	118	0.00
88 T	1,4-Dichlorobenzene	1.835	1.682	8.3	116	0.00
89 T	n-Butylbenzene	2.784	2.792	-0.3	122	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071118\
Evaluate Continuing Calibration Report

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.573	0.555	3.1	114	0.00
91 T	1,2-Dichlorobenzene	1.804	1.689	6.4	115	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.303	0.284	6.3	113	0.00
93 T	1,2,4-Trichlorobenzene	1.182	1.107	6.3	121	0.00
94 T	Hexachlorobutadiene	0.645	0.607	5.9	124	0.00
95 T	Naphthalene	4.066	3.330	18.1	115	0.00
96 T	1,2,3-Trichlorobenzene	1.275	1.135	11.0	120	0.00

(#) = Out of Range

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