

Data File : VX005041.D
Acq On : 05 Oct 2018 01:23
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 77 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 05 05:17:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 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	73	0.00
2 T	Dichlorodifluoromethane	0.682	0.706	-3.5	64	0.00
3 P	Chloromethane	0.827	0.796	3.7	66	0.00
4 C	Vinyl Chloride	0.776	0.784	-1.0#	69	0.00
5 T	Bromomethane	0.460	0.593	-28.9#	91	0.00
6 T	Chloroethane	0.495	0.469	5.3	76	0.00
7 T	Trichlorofluoromethane	0.960	1.014	-5.6	70	0.00
8 T	Diethyl Ether	0.417	0.430	-3.1	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.547	0.570	-4.2	79	0.00
10 T	Methyl Iodide	0.732	0.657	10.2	56	0.00
11 T	Tert butyl alcohol	0.200	0.213	-6.5	77	0.01
12 CM	1,1-Dichloroethene	0.542	0.549	-1.3#	77	0.00
13 T	Acrolein	0.142	0.075	47.2#	40#	0.00
14 T	Allyl chloride	1.182	1.237	-4.7	74	0.00
15 T	Acrylonitrile	0.440	0.476	-8.2	76	0.00
16 T	Acetone	0.417	0.418	-0.2	71	0.00
17 T	Carbon Disulfide	1.628	1.485	8.8	65	0.00
18 T	Methyl Acetate	1.056	1.353	-28.1#	94	0.00
19 T	Methyl tert-butyl Ether	1.869	2.119	-13.4	84	0.00
20 T	Methylene Chloride	0.670	0.664	0.9	71	0.00
21 T	trans-1,2-Dichloroethene	0.593	0.599	-1.0	71	0.00
22 T	Diisopropyl ether	1.991	2.174	-9.2	77	0.00
23 T	Vinyl Acetate	1.822	1.870	-2.6	70	0.00
24 P	1,1-Dichloroethane	1.187	1.191	-0.3	70	0.00
25 T	2-Butanone	0.615	0.634	-3.1	74	0.00
26 T	2,2-Dichloropropane	0.827	0.658	20.4#	59	0.00
27 T	cis-1,2-Dichloroethene	0.663	0.656	1.1	70	0.00
28 T	Bromochloromethane	0.559	0.544	2.7	73	0.00
29 T	Tetrahydrofuran	0.382	0.413	-8.1	74	0.00
30 C	Chloroform	1.122	1.121	0.1#	76	0.00
31 T	Cyclohexane	0.909	0.958	-5.4	69	0.00
32 T	1,1,1-Trichloroethane	0.916	0.954	-4.1	76	0.00
33 S	1,2-Dichloroethane-d4	0.714	0.714	0.0	69	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
35 S	Dibromofluoromethane	0.424	0.383	9.7	65	0.00
36 T	1,1-Dichloropropene	0.578	0.543	6.1	73	0.00
37 T	Ethyl Acetate	0.767	0.747	2.6	73	0.00
38 T	Carbon Tetrachloride	0.608	0.548	9.9	70	0.00
39 T	Methylcyclohexane	0.590	0.607	-2.9	80	0.00
40 TM	Benzene	1.810	1.748	3.4	76	0.00
41 T	Methacrylonitrile	0.426	0.422	0.9	72	0.00
42 TM	1,2-Dichloroethane	0.640	0.615	3.9	75	0.00
43 T	Isopropyl Acetate	1.108	1.131	-2.1	72	0.00
44 TM	Trichloroethene	0.445	0.460	-3.4	86	0.00
45 C	1,2-Dichloropropane	0.444	0.483	-8.8#	88	0.00

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QLast Update : Wed Oct 03 04:00:03 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)
46 T	Dibromomethane	0.279	0.292	-4.7	85	0.00
47 T	Bromodichloromethane	0.522	0.564	-8.0	86	0.00
48 T	Methyl methacrylate	0.503	0.589	-17.1	87	0.00
49 T	1,4-Dioxane	0.012	0.013	-8.3	78	0.00
50 S	Toluene-d8	1.409	1.439	-2.1	82	0.00
51 T	4-Methyl-2-Pentanone	0.697	0.811	-16.4	88	0.00
52 CM	Toluene	0.995	1.055	-6.0#	80	0.00
53 T	t-1,3-Dichloropropene	0.590	0.620	-5.1	75	0.00
54 T	cis-1,3-Dichloropropene	0.618	0.671	-8.6	83	0.00
55 T	1,1,2-Trichloroethane	0.436	0.453	-3.9	79	0.00
56 T	Ethyl methacrylate	0.628	0.720	-14.6	82	0.00
57 T	1,3-Dichloropropane	0.725	0.750	-3.4	76	0.00
58 T	2-Chloroethyl Vinyl ether	0.331	0.392	-18.4	84	0.00
59 T	2-Hexanone	0.581	0.649	-11.7	78	0.00
60 T	Dibromochloromethane	0.436	0.469	-7.6	75	0.00
61 T	1,2-Dibromoethane	0.467	0.464	0.6	71	0.00
62 S	4-Bromofluorobenzene	0.508	0.550	-8.3	87	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 T	Tetrachloroethene	0.492	0.466	5.3	76	0.00
65 PM	Chlorobenzene	1.282	1.244	3.0	81	0.00
66 T	1,1,1,2-Tetrachloroethane	0.451	0.458	-1.6	85	0.00
67 C	Ethyl Benzene	2.036	2.102	-3.2#	85	0.00
68 T	m/p-Xylenes	0.795	0.818	-2.9	81	0.00
69 T	o-Xylene	0.731	0.796	-8.9	87	0.00
70 T	Styrene	1.227	1.351	-10.1	86	0.00
71 P	Bromoform	0.386	0.400	-3.6	83	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	3.152	3.437	-9.0	87	0.00
74 T	N-amyl acetate	1.531	1.729	-12.9	90	0.00
75 P	1,1,2,2-Tetrachloroethane	1.283	1.278	0.4	90	0.00
76 T	1,2,3-Trichloropropane	1.121	1.154	-2.9	89	0.00
77 T	Bromobenzene	0.915	0.941	-2.8	88	0.00
78 T	n-propylbenzene	3.616	3.901	-7.9	85	0.00
79 T	2-Chlorotoluene	2.254	2.402	-6.6	88	0.00
80 T	1,3,5-Trimethylbenzene	2.664	2.919	-9.6	86	0.00
81 T	trans-1,4-Dichloro-2-butene	0.367	0.346	5.7	80	0.00
82 T	4-Chlorotoluene	2.653	2.815	-6.1	86	0.00
83 T	tert-Butylbenzene	2.595	2.879	-10.9	89	0.00
84 T	1,2,4-Trimethylbenzene	2.728	3.045	-11.6	87	0.00
85 T	sec-Butylbenzene	3.161	3.406	-7.8	86	0.00
86 T	p-Isopropyltoluene	2.863	3.071	-7.3	86	0.00
87 T	1,3-Dichlorobenzene	1.709	1.724	-0.9	87	0.00
88 T	1,4-Dichlorobenzene	1.765	1.747	1.0	87	0.00
89 T	n-Butylbenzene	2.601	2.689	-3.4	83	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100418\
Evaluate Continuing Calibration Report

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Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.477	0.493	-3.4	92	0.00
91 T	1,2-Dichlorobenzene	1.786	1.767	1.1	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.282	0.297	-5.3	93	0.00
93 T	1,2,4-Trichlorobenzene	1.253	1.303	-4.0	87	0.00
94 T	Hexachlorobutadiene	0.650	0.599	7.8	84	0.00
95 T	Naphthalene	3.727	4.283	-14.9	89	0.00
96 T	1,2,3-Trichlorobenzene	1.294	1.348	-4.2	88	0.00

(#) = Out of Range

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