

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006308.D
 Acq On : 06 Dec 2018 10:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 07 04:37:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 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	86	0.00
2 T	Dichlorodifluoromethane	0.490	0.527	-7.6	87	0.00
3 P	Chloromethane	0.503	0.474	5.8	80	0.00
4 C	Vinyl Chloride	0.541	0.513	5.2#	80	0.00
5 T	Bromomethane	0.375	0.358	4.5	89	0.00
6 T	Chloroethane	0.332	0.317	4.5	80	0.00
7 T	Trichlorofluoromethane	0.831	0.799	3.9	83	0.00
8 T	Diethyl Ether	0.315	0.297	5.7	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.473	0.472	0.2	88	0.00
10 T	Methyl Iodide	0.712	0.621	12.8	74	0.00
11 T	Tert butyl alcohol	0.140	0.117	16.4	74	0.00
12 CM	1,1-Dichloroethene	0.452	0.428	5.3#	84	0.00
13 T	Acrolein	0.076	0.064	15.8	75	0.00
14 T	Allyl chloride	0.894	0.781	12.6	76	0.00
15 T	Acrylonitrile	0.291	0.260	10.7	77	0.00
16 T	Acetone	0.240	0.194	19.2	71	0.00
17 T	Carbon Disulfide	1.394	1.212	13.1	75	0.00
18 T	Methyl Acetate	0.801	0.730	8.9	80	0.00
19 T	Methyl tert-butyl Ether	1.614	1.508	6.6	82	0.00
20 T	Methylene Chloride	0.510	0.468	8.2	84	0.00
21 T	trans-1,2-Dichloroethene	0.482	0.454	5.8	83	0.00
22 T	Diisopropyl ether	1.396	1.465	-4.9	92	0.00
23 T	Vinyl Acetate	1.191	1.244	-4.5	91	0.00
24 P	1,1-Dichloroethane	0.798	0.823	-3.1	92	0.00
25 T	2-Butanone	0.342	0.307	10.2	78	0.00
26 T	2,2-Dichloropropane	0.736	0.748	-1.6	90	0.00
27 T	cis-1,2-Dichloroethene	0.538	0.544	-1.1	89	0.00
28 T	Bromochloromethane	0.349	0.343	1.7	83	0.00
29 T	Tetrahydrofuran	0.238	0.216	9.2	80	0.00
30 C	Chloroform	0.838	0.840	-0.2#	89	0.00
31 T	Cyclohexane	0.737	0.711	3.5	86	0.00
32 T	1,1,1-Trichloroethane	0.798	0.791	0.9	88	0.00
33 S	1,2-Dichloroethane-d4	0.510	0.496	2.7	86	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35 S	Dibromofluoromethane	0.324	0.336	-3.7	88	0.00
36 T	1,1-Dichloropropene	0.421	0.428	-1.7	87	0.00
37 T	Ethyl Acetate	0.472	0.440	6.8	80	0.00
38 T	Carbon Tetrachloride	0.495	0.506	-2.2	87	0.00
39 T	Methylcyclohexane	0.547	0.566	-3.5	89	0.00
40 TM	Benzene	1.261	1.291	-2.4	87	0.00
41 T	Methacrylonitrile	0.259	0.245	5.4	83	0.00
42 TM	1,2-Dichloroethane	0.413	0.426	-3.1	88	0.00
43 T	Isopropyl Acetate	0.786	0.742	5.6	81	0.00
44 TM	Trichloroethene	0.382	0.395	-3.4	88	0.00
45 C	1,2-Dichloropropane	0.321	0.321	0.0	86	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.231	0.236	-2.2	87	0.00
47 T	Bromodichloromethane	0.448	0.457	-2.0	87	0.00
48 T	Methyl methacrylate	0.382	0.368	3.7	82	0.00
49 T	1,4-Dioxane	0.009	0.009	0.0	83	0.00
50 S	Toluene-d8	1.178	1.180	-0.2	85	0.00
51 T	4-Methyl-2-Pentanone	0.458	0.437	4.6	80	0.00
52 CM	Toluene	0.830	0.836	-0.7#	87	0.00
53 T	t-1,3-Dichloropropene	0.524	0.517	1.3	84	0.00
54 T	cis-1,3-Dichloropropene	0.544	0.543	0.2	85	0.00
55 T	1,1,2-Trichloroethane	0.337	0.348	-3.3	87	0.00
56 T	Ethyl methacrylate	0.527	0.532	-0.9	86	0.00
57 T	1,3-Dichloropropane	0.533	0.547	-2.6	88	0.00
58 T	2-Chloroethyl Vinyl ether	0.267	0.274	-2.6	89	0.00
59 T	2-Hexanone	0.350	0.328	6.3	80	0.00
60 T	Dibromochloromethane	0.416	0.423	-1.7	87	0.00
61 T	1,2-Dibromoethane	0.377	0.377	0.0	86	0.00
62 S	4-Bromofluorobenzene	0.444	0.459	-3.4	85	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.377	0.384	-1.9	89	0.00
65 PM	Chlorobenzene	1.061	1.095	-3.2	87	0.00
66 T	1,1,1,2-Tetrachloroethane	0.412	0.421	-2.2	87	0.00
67 C	Ethyl Benzene	1.765	1.803	-2.2#	87	0.00
68 T	m/p-Xylenes	0.707	0.729	-3.1	88	0.00
69 T	o-Xylene	0.698	0.713	-2.1	87	0.00
70 T	Styrene	1.130	1.172	-3.7	87	0.00
71 P	Bromoform	0.389	0.377	3.1	81	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73 T	Isopropylbenzene	3.453	3.588	-3.9	88	0.00
74 T	N-amyl acetate	1.487	1.374	7.6	80	0.00
75 P	1,1,2,2-Tetrachloroethane	1.105	1.071	3.1	85	0.00
76 T	1,2,3-Trichloropropane	0.965	1.024	-6.1	84	0.00
77 T	Bromobenzene	0.958	0.979	-2.2	87	0.00
78 T	n-propylbenzene	3.838	4.038	-5.2	89	0.00
79 T	2-Chlorotoluene	2.281	2.336	-2.4	88	0.00
80 T	1,3,5-Trimethylbenzene	2.873	2.990	-4.1	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.411	0.383	6.8	80	0.00
82 T	4-Chlorotoluene	2.652	2.737	-3.2	88	0.00
83 T	tert-Butylbenzene	3.065	3.160	-3.1	88	0.00
84 T	1,2,4-Trimethylbenzene	2.967	3.047	-2.7	89	0.00
85 T	sec-Butylbenzene	3.487	3.708	-6.3	90	0.00
86 T	p-Isopropyltoluene	3.140	3.329	-6.0	90	0.00
87 T	1,3-Dichlorobenzene	1.705	1.764	-3.5	88	0.00
88 T	1,4-Dichlorobenzene	1.731	1.766	-2.0	88	0.00
89 T	n-Butylbenzene	2.679	2.881	-7.5	92	0.00

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90 T	Hexachloroethane	0.640	0.642	-0.3	85	0.00
91 T	1,2-Dichlorobenzene	1.692	1.706	-0.8	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.283	0.256	9.5	82	0.00
93 T	1,2,4-Trichlorobenzene	1.235	1.276	-3.3	89	0.00
94 T	Hexachlorobutadiene	0.546	0.615	-12.6	96	0.00
95 T	Naphthalene	3.840	3.855	-0.4	87	0.00
96 T	1,2,3-Trichlorobenzene	1.223	1.273	-4.1	90	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5