

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
 Data File : VX006594.D
 Acq On : 18 Dec 2018 13:24
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121818

Quant Time: Dec 19 01:03:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 00:58:54 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	109	0.00
2 T	Dichlorodifluoromethane	0.457	0.432	5.5	108	0.00
3 P	Chloromethane	0.493	0.470	4.7	109	0.00
4 C	Vinyl Chloride	0.515	0.488	5.2#	108	0.00
5 T	Bromomethane	0.560	0.499	10.9	112	0.00
6 T	Chloroethane	0.356	0.314	11.8	108	0.00
7 T	Trichlorofluoromethane	0.802	0.770	4.0	108	0.00
8 T	Diethyl Ether	0.319	0.300	6.0	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.471	0.450	4.5	108	0.00
10 T	Methyl Iodide	0.674	0.641	4.9	98	0.00
11 T	Tert butyl alcohol	0.120	0.118	1.7	110	0.00
12 CM	1,1-Dichloroethene	0.447	0.426	4.7#	110	0.00
13 T	Acrolein	0.081	0.077	4.9	108	0.00
14 T	Allyl chloride	0.752	0.744	1.1	111	0.00
15 T	Acrylonitrile	0.267	0.264	1.1	109	0.00
16 T	Acetone	0.248	0.247	0.4	114	0.00
17 T	Carbon Disulfide	1.182	1.142	3.4	112	0.00
18 T	Methyl Acetate	0.728	0.712	2.2	110	0.00
19 T	Methyl tert-butyl Ether	1.483	1.475	0.5	111	0.00
20 T	Methylene Chloride	0.512	0.474	7.4	109	0.00
21 T	trans-1,2-Dichloroethene	0.495	0.455	8.1	109	0.00
22 T	Diisopropyl ether	1.376	1.333	3.1	107	0.00
23 T	Vinyl Acetate	1.125	1.111	1.2	109	0.00
24 P	1,1-Dichloroethane	0.821	0.757	7.8	108	0.00
25 T	2-Butanone	0.348	0.337	3.2	108	0.00
26 T	2,2-Dichloropropane	0.634	0.635	-0.2	112	0.00
27 T	cis-1,2-Dichloroethene	0.546	0.523	4.2	107	0.00
28 T	Bromochloromethane	0.378	0.352	6.9	109	0.00
29 T	Tetrahydrofuran	0.229	0.221	3.5	107	0.00
30 C	Chloroform	0.850	0.808	4.9#	107	0.00
31 T	Cyclohexane	0.746	0.705	5.5	106	0.00
32 T	1,1,1-Trichloroethane	0.718	0.719	-0.1	108	0.00
33 S	1,2-Dichloroethane-d4	0.539	0.494	8.3	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
35 S	Dibromofluoromethane	0.316	0.308	2.5	103	0.00
36 T	1,1-Dichloropropene	0.414	0.405	2.2	106	0.00
37 T	Ethyl Acetate	0.431	0.424	1.6	109	0.00
38 T	Carbon Tetrachloride	0.402	0.412	-2.5	109	0.00
39 T	Methylcyclohexane	0.545	0.535	1.8	108	0.00
40 TM	Benzene	1.259	1.236	1.8	106	0.00
41 T	Methacrylonitrile	0.229	0.236	-3.1	106	0.00
42 TM	1,2-Dichloroethane	0.429	0.414	3.5	108	0.00
43 T	Isopropyl Acetate	0.656	0.686	-4.6	110	0.00
44 TM	Trichloroethene	0.381	0.374	1.8	110	0.00
45 C	1,2-Dichloropropane	0.306	0.308	-0.7#	112	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	0.225	0.221	1.8	106	0.00
47 T	Bromodichloromethane	0.374	0.389	-4.0	109	0.00
48 T	Methyl methacrylate	0.334	0.347	-3.9	107	0.00
49 T	1,4-Dioxane	0.009	0.009	0.0	106	0.00
50 S	Toluene-d8	1.192	1.142	4.2	102	0.00
51 T	4-Methyl-2-Pentanone	0.417	0.429	-2.9	106	0.00
52 CM	Toluene	0.813	0.811	0.2#	107	0.00
53 T	t-1,3-Dichloropropene	0.401	0.441	-10.0	110	0.00
54 T	cis-1,3-Dichloropropene	0.440	0.483	-9.8	109	0.00
55 T	1,1,2-Trichloroethane	0.333	0.331	0.6	108	0.00
56 T	Ethyl methacrylate	0.470	0.491	-4.5	106	0.00
57 T	1,3-Dichloropropane	0.536	0.529	1.3	108	0.00
58 T	2-Chloroethyl Vinyl ether	0.250	0.252	-0.8	108	0.00
59 T	2-Hexanone	0.319	0.326	-2.2	105	0.00
60 T	Dibromochloromethane	0.307	0.343	-11.7	110	0.00
61 T	1,2-Dibromoethane	0.354	0.362	-2.3	107	0.00
62 S	4-Bromofluorobenzene	0.437	0.425	2.7	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64 T	Tetrachloroethene	0.396	0.380	4.0	107	0.00
65 PM	Chlorobenzene	1.058	1.033	2.4	107	0.00
66 T	1,1,1,2-Tetrachloroethane	0.330	0.363	-10.0	112	0.00
67 C	Ethyl Benzene	1.729	1.703	1.5#	107	0.00
68 T	m/p-Xylenes	0.682	0.687	-0.7	107	0.00
69 T	o-Xylene	0.674	0.668	0.9	105	0.00
70 T	Styrene	1.066	1.083	-1.6	105	0.00
71 P	Bromoform	0.251	0.280	-11.6	111	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73 T	Isopropylbenzene	3.421	3.417	0.1	106	0.00
74 T	N-amyl acetate	1.224	1.285	-5.0	107	0.00
75 P	1,1,2,2-Tetrachloroethane	1.017	1.017	0.0	105	0.00
76 T	1,2,3-Trichloropropane	0.929	0.963	-3.7	104	0.00
77 T	Bromobenzene	0.925	0.925	0.0	105	0.00
78 T	n-propylbenzene	3.767	3.801	-0.9	106	0.00
79 T	2-Chlorotoluene	2.283	2.216	2.9	104	0.00
80 T	1,3,5-Trimethylbenzene	2.817	2.822	-0.2	105	0.00
81 T	trans-1,4-Dichloro-2-butene	0.259	0.288	-11.2	110	0.00
82 T	4-Chlorotoluene	2.618	2.590	1.1	105	0.00
83 T	tert-Butylbenzene	2.820	2.899	-2.8	106	0.00
84 T	1,2,4-Trimethylbenzene	2.963	2.886	2.6	105	0.00
85 T	sec-Butylbenzene	3.457	3.460	-0.1	105	0.00
86 T	p-Isopropyltoluene	3.039	3.113	-2.4	106	0.00
87 T	1,3-Dichlorobenzene	1.667	1.650	1.0	105	0.00
88 T	1,4-Dichlorobenzene	1.709	1.668	2.4	105	0.00
89 T	n-Butylbenzene	2.586	2.648	-2.4	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.414	0.460	-11.1	110	0.00
91 T	1,2-Dichlorobenzene	1.667	1.624	2.6	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.210	0.213	-1.4	104	0.00
93 T	1,2,4-Trichlorobenzene	1.150	1.169	-1.7	107	0.00
94 T	Hexachlorobutadiene	0.542	0.546	-0.7	110	0.00
95 T	Naphthalene	3.671	3.637	0.9	105	0.00
96 T	1,2,3-Trichlorobenzene	1.187	1.171	1.3	108	0.00

(#) = Out of Range

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