

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060719\
 Data File : VL033881.D
 Acq On : 7 Jun 2019 7:12
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVV060719

Quant Time: Jun 07 09:31:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 07 06:23:16 2019
 QLast Update : Fri Jun 07 06:23:16 2019
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	112	0.00
2 T	Dichlorodifluoromethane	1.623	1.299	20.0	106	0.00
3	Chlorodifluoromethane	1.177	1.036	12.0	104	0.00
4	Chloromethane	0.671	0.605	9.8	105	0.00
5 T	Vinyl Chloride	0.623	0.609	2.2	107	0.00
6 T	Bromomethane	0.414	0.384	7.2	104	0.00
7	Chloroethane	0.246	0.230	6.5	107	0.00
8 T	Dichlorotetrafluoroethane	1.734	1.558	10.1	102	0.00
9 T	Propene	0.440	0.442	-0.5	110	0.00
10 T	Heptane	1.113	1.270	-14.1	114	0.00
11 T	Trichlorofluoromethane	2.094	1.836	12.3	100	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.415	1.353	4.4	109	0.00
13	Ethanol	0.143	0.084	41.3#	86	0.00
14 T	Bromoethene	0.527	0.514	2.5	104	0.00
15 T	Acetone	1.458	1.161	20.4	105	0.00
16 T	1,3-Butadiene	0.555	0.536	3.4	105	0.00
17	tert-Butyl alcohol	1.140	0.960	15.8	82	0.00
18 T	1,1-Dichloroethene	0.598	0.552	7.7	101	0.00
19 T	Isopropyl Alcohol	0.833	0.682	18.1	81	0.00
20 T	Methylene Chloride	0.569	0.467	17.9	102	0.00
21 T	Allyl Chloride	0.828	0.877	-5.9	113	0.00
22 T	trans-1,2-Dichloroethene	0.630	0.626	0.6	109	0.00
23 T	Vinyl Acetate	1.695	1.907	-12.5	117	0.00
24 T	1,1-Dichloroethane	1.319	1.341	-1.7	114	0.00
25 T	Ethyl Acetate	2.221	2.277	-2.5	113	0.00
26 T	Hexane	1.011	1.009	0.2	115	0.00
27 T	Carbon Disulfide	1.405	1.508	-7.3	110	0.00
28 T	Methyl tert-Butyl Ether	1.529	1.787	-16.9	114	0.00
29 T	Chloroform	1.732	1.724	0.5	112	0.00
30 T	Cyclohexane	0.715	0.826	-15.5	112	0.00
31 T	cis-1,2-Dichloroethene	0.887	1.033	-16.5	115	0.00
32 T	1,1,1-Trichloroethane	1.671	1.807	-8.1	110	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
34 T	2-Butanone	0.564	0.646	-14.5	117	0.00
35 T	Carbon Tetrachloride	0.773	0.814	-5.3	109	0.00
36 T	Benzene	0.764	0.890	-16.5	117	0.00
37 T	1,2-Dichloroethane	0.565	0.576	-1.9	109	0.00
38 T	Trichloroethene	0.297	0.363	-22.2	109	0.00
39 T	1,2-Dichloropropane	0.295	0.329	-11.5	114	0.00
40 T	1,4-Dioxane	0.120	0.120	0.0	93	0.00
41 T	Tetrahydrofuran	0.286	0.352	-23.1	117	0.00
42 T	Bromodichloromethane	0.755	0.806	-6.8	111	0.00
43	Methyl Methacrylate	0.286	0.353	-23.4	113	0.00
44 T	2,2,4-Trimethylpentane	1.358	1.477	-8.8	112	0.00
45 T	t-1,3-Dichloropropene	0.375	0.483	-28.8	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.429	0.548	-27.7	112	0.00
47 T	1,1,2-Trichloroethane	0.351	0.366	-4.3	108	0.00
48 T	Dibromochloromethane	0.632	0.690	-9.2	106	0.00
49 T	Bromoform	0.558	0.630	-12.9	107	0.00
50 T	4-Methyl-2-Pentanone	0.841	0.949	-12.8	111	0.00
51 T	2-Hexanone	0.657	0.781	-18.9	110	0.00
52 T	Tetrachloroethene	0.269	0.344	-27.9	111	0.00
53 T	Toluene	0.845	1.041	-23.2	111	0.00
54 T	1,2-Dibromoethane	0.530	0.590	-11.3	110	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
56	1,1,1,2-Tetrachloroethane	0.437	0.441	-0.9	109	0.00
57 T	Chlorobenzene	0.749	0.761	-1.6	109	0.00
58 T	Ethyl Benzene	1.127	1.363	-20.9	112	0.00
59 T	m/p-Xylene	1.025	1.130	-10.2	108	0.00
60 T	o-Xylene	1.059	1.140	-7.6	104	0.00
61 T	Styrene	0.685	0.839	-22.5	107	0.00
62	Isopropylbenzene	1.427	1.535	-7.6	105	0.00
63 T	1,1,2,2-Tetrachloroethane	0.797	0.802	-0.6	104	0.00
64	n-propylbenzene	0.365	0.402	-10.1	107	0.00
65	tert-Butylbenzene	1.320	1.445	-9.5	107	0.00
66 T	Benzyl Chloride	0.669	0.766	-14.5	101	0.00
67	sec-Butylbenzene	1.852	2.017	-8.9	107	0.00
68 S	1-Bromo-4-Fluorobenzene	0.821	0.777	5.4	107	0.00
69	p-Isopropyltoluene	1.541	1.672	-8.5	104	0.00
70	n-Butylbenzene	1.688	1.734	-2.7	102	0.00
71	2-Chlorotoluene	1.051	1.185	-12.7	107	0.00
72 T	4-Ethyltoluene	1.205	1.377	-14.3	106	0.00
73 T	1,3,5-Trimethylbenzene	1.187	1.324	-11.5	107	0.00
74 T	1,2,4-Trimethylbenzene	1.368	1.402	-2.5	105	0.00
75 T	1,3-Dichlorobenzene	0.856	0.807	5.7	103	0.00
76 T	1,4-Dichlorobenzene	0.786	0.800	-1.8	104	0.00
77 T	1,2-Dichlorobenzene	0.790	0.764	3.3	101	0.00
78 T	Hexachloro-1,3-Butadiene	0.617	0.450	27.1	91	0.00
79 T	Naphthalene	1.093	1.010	7.6	86	0.00
80 T	Naphthalene,2-methyl-	0.436	0.349	20.0	84	0.00
81 T	1,2,4-Trichlorobenzene	0.690	0.601	12.9	87	0.00

(#) = Out of Range

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