

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL053118\
 Data File : VL032023.D
 Acq On : 1 Jun 2018 11:33
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL053118

Quant Time: Jun 04 09:39:10 2018
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL053118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 01 02:31:35 2018
 QLast Update : Fri Jun 01 02:31:35 2018
 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	108	0.00
2 T	Dichlorodifluoromethane	1.203	0.836	30.5#	92	0.00
3	Chlorodifluoromethane	0.941	0.838	10.9	107	0.00
4	Chloromethane	0.477	0.436	8.6	108	0.00
5 T	Vinyl Chloride	0.530	0.454	14.3	107	0.00
6 T	Bromomethane	0.364	0.318	12.6	103	0.00
7	Chloroethane	0.226	0.189	16.4	105	0.00
8 T	Dichlorotetrafluoroethane	1.311	1.100	16.1	103	0.00
9 T	Propene	0.307	0.329	-7.2	109	0.00
10 T	Heptane	1.090	1.082	0.7	103	0.00
11 T	Trichlorofluoromethane	1.851	1.332	28.0	98	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.270	1.104	13.1	103	0.00
13	Ethanol	0.120	0.098	18.3	109	0.00
14 T	Bromoethene	0.446	0.380	14.8	106	0.00
15 T	Acetone	1.206	0.943	21.8	103	0.00
16 T	1,3-Butadiene	0.440	0.418	5.0	99	0.00
17	tert-Butyl alcohol	0.578	0.618	-6.9	120	0.00
18 T	1,1-Dichloroethene	0.552	0.518	6.2	114	0.00
19 T	Isopropyl Alcohol	0.798	0.673	15.7	98	0.00
20 T	Methylene Chloride	0.548	0.476	13.1	112	0.00
21 T	Allyl Chloride	0.850	0.826	2.8	109	0.00
22 T	trans-1,2-Dichloroethene	0.594	0.682	-14.8	130	0.00
23 T	Vinyl Acetate	1.633	1.626	0.4	107	0.00
24 T	1,1-Dichloroethane	1.589	1.375	13.5	101	0.00
25 T	Ethyl Acetate	2.388	2.353	1.5	110	0.00
26 T	Hexane	1.110	1.101	0.8	108	0.00
27 T	Carbon Disulfide	1.454	1.430	1.7	102	0.00
28 T	Methyl tert-Butyl Ether	1.374	1.367	0.5	105	0.00
29 T	Chloroform	1.873	1.733	7.5	106	0.00
30 T	Cyclohexane	0.656	0.703	-7.2	109	0.00
31 T	cis-1,2-Dichloroethene	0.999	1.049	-5.0	108	0.00
32 T	1,1,1-Trichloroethane	1.527	1.382	9.5	105	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
34 T	2-Butanone	0.786	0.815	-3.7	110	0.00
35 T	Carbon Tetrachloride	0.853	0.744	12.8	100	0.00
36 T	Benzene	0.879	0.910	-3.5	110	0.00
37 T	1,2-Dichloroethane	0.634	0.740	-16.7	127	0.00
38 T	Trichloroethene	0.337	0.357	-5.9	105	0.00
39 T	1,2-Dichloropropane	0.324	0.322	0.6	107	0.00
40 T	1,4-Dioxane	0.139	0.139	0.0	104	0.00
41 T	Tetrahydrofuran	0.338	0.401	-18.6	111	0.00
42 T	Bromodichloromethane	0.792	0.750	5.3	103	0.00
43	Methyl Methacrylate	0.306	0.334	-9.2	104	0.00
44 T	2,2,4-Trimethylpentane	1.505	1.467	2.5	104	0.00
45 T	t-1,3-Dichloropropene	0.414	0.495	-19.6	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.525	0.592	-12.8	104	0.00
47 T	1,1,2-Trichloroethane	0.400	0.385	3.8	107	0.00
48 T	Dibromochloromethane	0.662	0.659	0.5	105	0.00
49 T	Bromoform	0.520	0.525	-1.0	101	0.00
50 T	4-Methyl-2-Pentanone	0.764	0.789	-3.3	105	0.00
51 T	2-Hexanone	0.686	0.753	-9.8	105	0.00
52 T	Tetrachloroethene	0.349	0.348	0.3	105	0.00
53 T	Toluene	0.983	1.080	-9.9	106	0.00
54 T	1,2-Dibromoethane	0.586	0.597	-1.9	107	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
56	1,1,1,2-Tetrachloroethane	0.483	0.449	7.0	103	0.00
57 T	Chlorobenzene	0.913	0.848	7.1	104	0.00
58 T	Ethyl Benzene	1.406	1.521	-8.2	104	0.00
59 T	m/p-Xylene	1.233	1.246	-1.1	102	0.00
60 T	o-Xylene	1.236	1.263	-2.2	101	0.00
61 T	Styrene	0.239	0.310	-29.7	104	0.00
62	Isopropylbenzene	1.577	1.582	-0.3	102	0.00
63 T	1,1,2,2-Tetrachloroethane	0.958	0.831	13.3	100	0.00
64	n-propylbenzene	0.394	0.398	-1.0	101	0.00
65	tert-Butylbenzene	1.378	1.350	2.0	100	0.00
66 T	Benzyl Chloride	0.153	0.143	6.5	97	0.00
67	sec-Butylbenzene	2.000	1.907	4.6	100	0.00
68 S	1-Bromo-4-Fluorobenzene	0.772	0.765	0.9	102	0.00
69	p-Isopropyltoluene	1.549	1.543	0.4	100	0.00
70	n-Butylbenzene	1.596	1.571	1.6	100	0.00
71	2-Chlorotoluene	1.159	1.196	-3.2	101	0.00
72 T	4-Ethyltoluene	1.230	1.309	-6.4	100	0.00
73 T	1,3,5-Trimethylbenzene	1.135	1.163	-2.5	100	0.00
74 T	1,2,4-Trimethylbenzene	1.279	1.235	3.4	100	0.00
75 T	1,3-Dichlorobenzene	0.879	0.782	11.0	99	0.00
76 T	1,4-Dichlorobenzene	0.837	0.788	5.9	99	0.00
77 T	1,2-Dichlorobenzene	0.832	0.754	9.4	100	0.00
78 T	Hexachloro-1,3-Butadiene	0.330	0.426	-29.1	170#	0.00
79 T	Naphthalene	0.724	0.904	-24.9	102	0.00
80 T	Naphthalene,2-methyl-	0.179	0.516	-188.3#	120	0.00
81 T	1,2,4-Trichlorobenzene	0.425	0.478	-12.5	104	0.00

(#) = Out of Range

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