

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112718\
 Data File : VL032808.D
 Acq On : 27 Nov 2018 14:14
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 28 03:23:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 14 07:00:23 2018
 QLast Update : Wed Nov 14 07:00:23 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	87	0.00
2 T	Dichlorodifluoromethane	1.437	1.399	2.6	95	0.00
3	Chlorodifluoromethane	0.793	0.781	1.5	95	0.00
4	Chloromethane	0.440	0.437	0.7	98	0.00
5 T	Vinyl Chloride	0.466	0.452	3.0	98	0.00
6 T	Bromomethane	0.285	0.298	-4.6	98	0.00
7	Chloroethane	0.168	0.168	0.0	96	0.00
8 T	Dichlorotetrafluoroethane	1.133	1.099	3.0	97	0.00
9 T	Propene	0.317	0.334	-5.4	100	0.00
10 T	Heptane	1.211	1.281	-5.8	93	0.00
11 T	Trichlorofluoromethane	1.355	1.219	10.0	94	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.106	1.195	-8.0	110	0.00
13	Ethanol	0.104	0.073	29.8	87	0.00
14 T	Bromoethene	0.367	0.375	-2.2	98	0.00
15 T	Acetone	0.913	0.781	14.5	96	0.00
16 T	1,3-Butadiene	0.354	0.357	-0.8	85	0.00
17	tert-Butyl alcohol	0.286	0.335	-17.1	103	0.00
18 T	1,1-Dichloroethene	0.544	0.594	-9.2	102	0.00
19 T	Isopropyl Alcohol	0.608	0.540	11.2	91	0.00
20 T	Methylene Chloride	0.473	0.519	-9.7	105	0.00
21 T	Allyl Chloride	0.767	0.914	-19.2	116	0.00
22 T	trans-1,2-Dichloroethene	0.531	0.595	-12.1	101	0.00
23 T	Vinyl Acetate	1.665	1.921	-15.4	96	0.00
24 T	1,1-Dichloroethane	1.323	1.435	-8.5	95	0.00
25 T	Ethyl Acetate	2.128	2.183	-2.6	97	0.00
26 T	Hexane	0.947	1.022	-7.9	98	0.00
27 T	Carbon Disulfide	1.201	1.370	-14.1	106	0.00
28 T	Methyl tert-Butyl Ether	1.511	1.724	-14.1	94	0.00
29 T	Chloroform	1.689	1.680	0.5	96	0.00
30 T	Cyclohexane	0.829	0.947	-14.2	101	0.00
31 T	cis-1,2-Dichloroethene	0.953	1.069	-12.2	99	0.00
32 T	1,1,1-Trichloroethane	1.851	1.772	4.3	94	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
34 T	2-Butanone	0.519	0.527	-1.5	97	0.00
35 T	Carbon Tetrachloride	0.804	0.728	9.5	96	0.00
36 T	Benzene	0.796	0.821	-3.1	100	0.00
37 T	1,2-Dichloroethane	0.536	0.506	5.6	94	0.00
38 T	Trichloroethene	0.322	0.343	-6.5	103	0.00
39 T	1,2-Dichloropropane	0.303	0.308	-1.7	99	0.00
40 T	1,4-Dioxane	0.108	0.102	5.6	93	0.00
41 T	Tetrahydrofuran	0.298	0.323	-8.4	100	0.00
42 T	Bromodichloromethane	0.727	0.715	1.7	97	0.00
43	Methyl Methacrylate	0.297	0.315	-6.1	94	0.00
44 T	2,2,4-Trimethylpentane	1.331	1.371	-3.0	99	0.00
45 T	t-1,3-Dichloropropene	0.399	0.436	-9.3	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.482	0.551	-14.3	97	0.00
47 T	1,1,2-Trichloroethane	0.359	0.369	-2.8	100	0.00
48 T	Dibromochloromethane	0.610	0.604	1.0	87	0.00
49 T	Bromoform	0.504	0.545	-8.1	102	0.00
50 T	4-Methyl-2-Pentanone	0.810	0.841	-3.8	95	0.00
51 T	2-Hexanone	0.522	0.581	-11.3	93	0.00
52 T	Tetrachloroethene	0.277	0.302	-9.0	103	0.00
53 T	Toluene	0.831	0.968	-16.5	101	0.00
54 T	1,2-Dibromoethane	0.507	0.544	-7.3	101	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
56	1,1,1,2-Tetrachloroethane	0.466	0.471	-1.1	99	0.00
57 T	Chlorobenzene	0.765	0.781	-2.1	100	0.00
58 T	Ethyl Benzene	1.203	1.372	-14.0	99	0.00
59 T	m/p-Xylene	1.071	1.144	-6.8	99	0.03
60 T	o-Xylene	1.077	1.104	-2.5	96	0.00
61 T	Styrene	0.701	0.845	-20.5	98	0.00
62	Isopropylbenzene	1.456	1.593	-9.4	100	0.00
63 T	1,1,2,2-Tetrachloroethane	0.840	0.768	8.6	97	0.01
64	n-propylbenzene	0.383	0.411	-7.3	97	0.00
65	tert-Butylbenzene	1.305	1.408	-7.9	97	0.00
66 T	Benzyl Chloride	0.722	0.785	-8.7	88	0.00
67	sec-Butylbenzene	1.881	1.956	-4.0	97	0.00
68 S	1-Bromo-4-Fluorobenzene	0.748	0.733	2.0	83	0.00
69	p-Isopropyltoluene	1.496	1.588	-6.1	96	0.00
70	n-Butylbenzene	1.519	1.577	-3.8	93	0.00
71	2-Chlorotoluene	1.086	1.182	-8.8	95	0.00
72 T	4-Ethyltoluene	1.181	1.285	-8.8	95	0.00
73 T	1,3,5-Trimethylbenzene	1.154	1.221	-5.8	95	0.00
74 T	1,2,4-Trimethylbenzene	1.235	1.233	0.2	95	0.00
75 T	1,3-Dichlorobenzene	0.709	0.696	1.8	94	0.00
76 T	1,4-Dichlorobenzene	0.662	0.684	-3.3	94	0.00
77 T	1,2-Dichlorobenzene	0.656	0.671	-2.3	97	0.00
78 T	Hexachloro-1,3-Butadiene	0.354	0.281	20.6	71	0.00
79 T	Naphthalene	0.812	0.907	-11.7	89	0.02
80 T	Naphthalene,2-methyl-	0.203	0.227	-11.8	65	0.00
81 T	1,2,4-Trichlorobenzene	0.408	0.445	-9.1	90	0.01

(#) = Out of Range

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