

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112918\
 Data File : VL032844.D
 Acq On : 29 Nov 2018 21:17
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 30 07:55:55 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	1.299	9.6	88	0.00
3	Chlorodifluoromethane	0.793	0.755	4.8	91	0.00
4	Chloromethane	0.440	0.404	8.2	90	0.00
5 T	Vinyl Chloride	0.466	0.424	9.0	91	0.00
6 T	Bromomethane	0.285	0.281	1.4	92	0.00
7	Chloroethane	0.168	0.166	1.2	94	0.00
8 T	Dichlorotetrafluoroethane	1.133	1.071	5.5	94	0.00
9 T	Propene	0.317	0.304	4.1	90	0.00
10 T	Heptane	1.211	1.238	-2.2	89	0.00
11 T	Trichlorofluoromethane	1.355	1.655	-22.1	127	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.106	1.248	-12.8	114	0.00
13	Ethanol	0.104	0.073	29.8	86	0.00
14 T	Bromoethene	0.367	0.370	-0.8	97	0.00
15 T	Acetone	0.913	0.791	13.4	97	0.00
16 T	1,3-Butadiene	0.354	0.361	-2.0	85	0.00
17	tert-Butyl alcohol	0.286	0.313	-9.4	95	0.00
18 T	1,1-Dichloroethene	0.544	0.546	-0.4	93	0.00
19 T	Isopropyl Alcohol	0.608	0.726	-19.4	121	0.00
20 T	Methylene Chloride	0.473	0.482	-1.9	97	0.00
21 T	Allyl Chloride	0.767	0.829	-8.1	104	0.00
22 T	trans-1,2-Dichloroethene	0.531	0.574	-8.1	97	0.00
23 T	Vinyl Acetate	1.665	1.642	1.4	81	0.00
24 T	1,1-Dichloroethane	1.323	1.306	1.3	86	0.00
25 T	Ethyl Acetate	2.128	2.089	1.8	92	0.00
26 T	Hexane	0.947	0.968	-2.2	93	0.00
27 T	Carbon Disulfide	1.201	1.307	-8.8	100	0.00
28 T	Methyl tert-Butyl Ether	1.511	1.598	-5.8	86	0.00
29 T	Chloroform	1.689	1.736	-2.8	99	0.00
30 T	Cyclohexane	0.829	0.863	-4.1	91	0.00
31 T	cis-1,2-Dichloroethene	0.953	0.988	-3.7	91	0.00
32 T	1,1,1-Trichloroethane	1.851	1.767	4.5	94	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
34 T	2-Butanone	0.519	0.516	0.6	90	0.00
35 T	Carbon Tetrachloride	0.804	0.752	6.5	94	0.00
36 T	Benzene	0.796	0.794	0.3	91	0.00
37 T	1,2-Dichloroethane	0.536	0.528	1.5	93	0.00
38 T	Trichloroethene	0.322	0.338	-5.0	95	0.00
39 T	1,2-Dichloropropane	0.303	0.292	3.6	89	0.00
40 T	1,4-Dioxane	0.108	0.107	0.9	92	0.00
41 T	Tetrahydrofuran	0.298	0.305	-2.3	89	0.00
42 T	Bromodichloromethane	0.727	0.720	1.0	92	0.00
43	Methyl Methacrylate	0.297	0.319	-7.4	90	0.00
44 T	2,2,4-Trimethylpentane	1.331	1.340	-0.7	91	0.00
45 T	t-1,3-Dichloropropene	0.399	0.470	-17.8	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.482	0.534	-10.8	88	0.00
47 T	1,1,2-Trichloroethane	0.359	0.357	0.6	91	0.00
48 T	Dibromochloromethane	0.610	0.614	-0.7	84	0.00
49 T	Bromoform	0.504	0.507	-0.6	89	0.00
50 T	4-Methyl-2-Pentanone	0.810	0.811	-0.1	87	0.00
51 T	2-Hexanone	0.522	0.575	-10.2	86	0.00
52 T	Tetrachloroethene	0.277	0.289	-4.3	93	0.00
53 T	Toluene	0.831	0.928	-11.7	91	0.00
54 T	1,2-Dibromoethane	0.507	0.522	-3.0	91	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
56	1,1,1,2-Tetrachloroethane	0.466	0.453	2.8	92	0.00
57 T	Chlorobenzene	0.765	0.741	3.1	91	0.00
58 T	Ethyl Benzene	1.203	1.303	-8.3	90	0.00
59 T	m/p-Xylene	1.071	1.100	-2.7	91	0.03
60 T	o-Xylene	1.077	1.051	2.4	88	0.00
61 T	Styrene	0.701	0.781	-11.4	87	0.00
62	Isopropylbenzene	1.456	1.488	-2.2	90	0.00
63 T	1,1,2,2-Tetrachloroethane	0.840	0.697	17.0	84	0.00
64	n-propylbenzene	0.383	0.378	1.3	86	0.00
65	tert-Butylbenzene	1.305	1.310	-0.4	87	0.00
66 T	Benzyl Chloride	0.722	0.727	-0.7	78	0.00
67	sec-Butylbenzene	1.881	1.827	2.9	86	0.00
68 S	1-Bromo-4-Fluorobenzene	0.748	0.789	-5.5	85	0.00
69	p-Isopropyltoluene	1.496	1.521	-1.7	88	0.00
70	n-Butylbenzene	1.519	1.567	-3.2	89	0.00
71	2-Chlorotoluene	1.086	1.104	-1.7	85	0.00
72 T	4-Ethyltoluene	1.181	1.217	-3.0	87	0.00
73 T	1,3,5-Trimethylbenzene	1.154	1.156	-0.2	86	0.00
74 T	1,2,4-Trimethylbenzene	1.235	1.189	3.7	87	0.00
75 T	1,3-Dichlorobenzene	0.709	0.681	3.9	88	0.00
76 T	1,4-Dichlorobenzene	0.662	0.669	-1.1	88	0.00
77 T	1,2-Dichlorobenzene	0.656	0.664	-1.2	92	0.00
78 T	Hexachloro-1,3-Butadiene	0.354	0.529	-49.4#	128	0.00
79 T	Naphthalene	0.812	1.215	-49.6#	114	0.00
80 T	Naphthalene,2-methyl-	0.203	0.310	-52.7#	86	0.00
81 T	1,2,4-Trichlorobenzene	0.408	0.584	-43.1#	114	0.00

(#) = Out of Range

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