

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112718\
 Data File : VL032828.D
 Acq On : 28 Nov 2018 12:49
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 28 15:19:38 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	77	0.00
2 T	Dichlorodifluoromethane	1.437	1.023	28.8	61	0.00
3	Chlorodifluoromethane	0.793	0.853	-7.6	91	0.00
4	Chloromethane	0.440	0.470	-6.8	92	0.00
5 T	Vinyl Chloride	0.466	0.485	-4.1	93	0.00
6 T	Bromomethane	0.285	0.442	-55.1#	129	0.00
7	Chloroethane	0.168	0.255	-51.8#	128	0.00
8 T	Dichlorotetrafluoroethane	1.133	1.214	-7.1	94	0.00
9 T	Propene	0.317	0.346	-9.1	91	0.00
10 T	Heptane	1.211	1.443	-19.2	92	0.00
11 T	Trichlorofluoromethane	1.355	1.858	-37.1#	126	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.106	1.243	-12.4	101	0.00
13	Ethanol	0.104	0.124	-19.2	130	0.00
14 T	Bromoethene	0.367	0.562	-53.1#	130	0.00
15 T	Acetone	0.913	1.195	-30.9#	130	0.00
16 T	1,3-Butadiene	0.354	0.423	-19.5	88	0.00
17	tert-Butyl alcohol	0.286	0.343	-19.9	92	0.00
18 T	1,1-Dichloroethene	0.544	0.628	-15.4	95	0.00
19 T	Isopropyl Alcohol	0.608	0.835	-37.3#	124	0.00
20 T	Methylene Chloride	0.473	0.539	-14.0	96	0.00
21 T	Allyl Chloride	0.767	0.970	-26.5	108	0.00
22 T	trans-1,2-Dichloroethene	0.531	0.666	-25.4	99	0.00
23 T	Vinyl Acetate	1.665	1.926	-15.7	84	0.00
24 T	1,1-Dichloroethane	1.323	1.508	-14.0	88	0.00
25 T	Ethyl Acetate	2.128	2.375	-11.6	93	0.00
26 T	Hexane	0.947	1.098	-15.9	93	0.00
27 T	Carbon Disulfide	1.201	1.532	-27.6	104	0.00
28 T	Methyl tert-Butyl Ether	1.511	1.834	-21.4	88	0.00
29 T	Chloroform	1.689	1.926	-14.0	97	0.00
30 T	Cyclohexane	0.829	0.995	-20.0	93	0.00
31 T	cis-1,2-Dichloroethene	0.953	1.145	-20.1	93	0.00
32 T	1,1,1-Trichloroethane	1.851	2.019	-9.1	95	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
34 T	2-Butanone	0.519	0.579	-11.6	92	0.00
35 T	Carbon Tetrachloride	0.804	0.840	-4.5	95	0.00
36 T	Benzene	0.796	0.902	-13.3	94	0.00
37 T	1,2-Dichloroethane	0.536	0.584	-9.0	93	0.00
38 T	Trichloroethene	0.322	0.376	-16.8	96	0.00
39 T	1,2-Dichloropropane	0.303	0.334	-10.2	92	0.00
40 T	1,4-Dioxane	0.108	0.128	-18.5	100	0.00
41 T	Tetrahydrofuran	0.298	0.347	-16.4	92	0.00
42 T	Bromodichloromethane	0.727	0.806	-10.9	94	0.00
43	Methyl Methacrylate	0.297	0.359	-20.9	92	0.00
44 T	2,2,4-Trimethylpentane	1.331	1.517	-14.0	94	0.00
45 T	t-1,3-Dichloropropene	0.399	0.525	-31.6#	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.482	0.600	-24.5	90	0.00
47 T	1,1,2-Trichloroethane	0.359	0.403	-12.3	93	0.00
48 T	Dibromochloromethane	0.610	0.681	-11.6	84	0.00
49 T	Bromoform	0.504	0.558	-10.7	89	0.00
50 T	4-Methyl-2-Pentanone	0.810	0.917	-13.2	89	0.00
51 T	2-Hexanone	0.522	0.631	-20.9	86	0.00
52 T	Tetrachloroethene	0.277	0.328	-18.4	96	0.00
53 T	Toluene	0.831	1.051	-26.5	94	0.00
54 T	1,2-Dibromoethane	0.507	0.583	-15.0	92	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
56	1,1,1,2-Tetrachloroethane	0.466	0.492	-5.6	93	0.00
57 T	Chlorobenzene	0.765	0.810	-5.9	93	0.00
58 T	Ethyl Benzene	1.203	1.422	-18.2	92	0.00
59 T	m/p-Xylene	1.071	1.182	-10.4	91	0.03
60 T	o-Xylene	1.077	1.146	-6.4	90	0.00
61 T	Styrene	0.701	0.850	-21.3	89	0.00
62	Isopropylbenzene	1.456	1.606	-10.3	91	0.00
63 T	1,1,2,2-Tetrachloroethane	0.840	0.750	10.7	85	0.00
64	n-propylbenzene	0.383	0.411	-7.3	87	0.00
65	tert-Butylbenzene	1.305	1.423	-9.0	88	0.01
66 T	Benzyl Chloride	0.722	0.791	-9.6	79	0.01
67	sec-Butylbenzene	1.881	1.980	-5.3	87	0.00
68 S	1-Bromo-4-Fluorobenzene	0.748	0.719	3.9	73	0.00
69	p-Isopropyltoluene	1.496	1.650	-10.3	89	0.00
70	n-Butylbenzene	1.519	1.705	-12.2	90	0.00
71	2-Chlorotoluene	1.086	1.193	-9.9	86	0.00
72 T	4-Ethyltoluene	1.181	1.305	-10.5	86	0.00
73 T	1,3,5-Trimethylbenzene	1.154	1.237	-7.2	86	0.00
74 T	1,2,4-Trimethylbenzene	1.235	1.285	-4.0	88	0.00
75 T	1,3-Dichlorobenzene	0.709	0.742	-4.7	89	0.00
76 T	1,4-Dichlorobenzene	0.662	0.731	-10.4	90	0.00
77 T	1,2-Dichlorobenzene	0.656	0.717	-9.3	92	0.00
78 T	Hexachloro-1,3-Butadiene	0.354	0.575	-62.4#	130	0.00
79 T	Naphthalene	0.812	1.327	-63.4#	116	0.01
80 T	Naphthalene,2-methyl-	0.203	0.352	-73.4#	91	0.01
81 T	1,2,4-Trichlorobenzene	0.408	0.637	-56.1#	115	0.00

(#) = Out of Range

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