

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112018\
 Data File : VL032806.D
 Acq On : 21 Nov 2018 9:10
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 22 12:53:21 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	90	0.00
2 T	Dichlorodifluoromethane	1.437	1.029	28.4	72	0.00
3	Chlorodifluoromethane	0.793	0.748	5.7	94	0.00
4	Chloromethane	0.440	0.423	3.9	98	0.00
5 T	Vinyl Chloride	0.466	0.439	5.8	99	0.00
6 T	Bromomethane	0.285	0.283	0.7	97	0.00
7	Chloroethane	0.168	0.166	1.2	98	0.00
8 T	Dichlorotetrafluoroethane	1.133	1.049	7.4	96	0.00
9 T	Propene	0.317	0.335	-5.7	104	0.00
10 T	Heptane	1.211	1.290	-6.5	96	0.00
11 T	Trichlorofluoromethane	1.355	1.161	14.3	93	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.106	1.008	8.9	96	0.00
13	Ethanol	0.104	0.090	13.5	111	0.00
14 T	Bromoethene	0.367	0.370	-0.8	100	0.00
15 T	Acetone	0.913	0.771	15.6	99	0.00
16 T	1,3-Butadiene	0.354	0.353	0.3	87	0.00
17	tert-Butyl alcohol	0.286	0.306	-7.0	97	0.00
18 T	1,1-Dichloroethene	0.544	0.535	1.7	95	0.00
19 T	Isopropyl Alcohol	0.608	0.559	8.1	97	0.00
20 T	Methylene Chloride	0.473	0.451	4.7	95	0.00
21 T	Allyl Chloride	0.767	0.729	5.0	95	0.00
22 T	trans-1,2-Dichloroethene	0.531	0.528	0.6	93	0.00
23 T	Vinyl Acetate	1.665	1.773	-6.5	91	0.00
24 T	1,1-Dichloroethane	1.323	1.287	2.7	88	0.00
25 T	Ethyl Acetate	2.128	2.099	1.4	96	0.00
26 T	Hexane	0.947	0.968	-2.2	97	0.00
27 T	Carbon Disulfide	1.201	1.204	-0.2	96	0.00
28 T	Methyl tert-Butyl Ether	1.511	1.599	-5.8	90	0.00
29 T	Chloroform	1.689	1.686	0.2	100	0.00
30 T	Cyclohexane	0.829	0.897	-8.2	99	0.00
31 T	cis-1,2-Dichloroethene	0.953	0.990	-3.9	95	0.00
32 T	1,1,1-Trichloroethane	1.851	1.717	7.2	95	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
34 T	2-Butanone	0.519	0.513	1.2	97	0.00
35 T	Carbon Tetrachloride	0.804	0.697	13.3	94	0.00
36 T	Benzene	0.796	0.797	-0.1	99	0.00
37 T	1,2-Dichloroethane	0.536	0.480	10.4	92	0.00
38 T	Trichloroethene	0.322	0.328	-1.9	100	0.00
39 T	1,2-Dichloropropane	0.303	0.295	2.6	97	0.00
40 T	1,4-Dioxane	0.108	0.114	-5.6	107	0.00
41 T	Tetrahydrofuran	0.298	0.299	-0.3	94	0.00
42 T	Bromodichloromethane	0.727	0.671	7.7	93	0.00
43	Methyl Methacrylate	0.297	0.313	-5.4	95	0.00
44 T	2,2,4-Trimethylpentane	1.331	1.315	1.2	97	0.00
45 T	t-1,3-Dichloropropene	0.399	0.450	-12.8	92	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.482	0.521	-8.1	93	0.00
47 T	1,1,2-Trichloroethane	0.359	0.347	3.3	96	0.00
48 T	Dibromochloromethane	0.610	0.588	3.6	87	0.00
49 T	Bromoform	0.504	0.481	4.6	92	0.00
50 T	4-Methyl-2-Pentanone	0.810	0.801	1.1	93	0.00
51 T	2-Hexanone	0.522	0.555	-6.3	90	0.00
52 T	Tetrachloroethene	0.277	0.285	-2.9	100	0.00
53 T	Toluene	0.831	0.921	-10.8	98	0.00
54 T	1,2-Dibromoethane	0.507	0.504	0.6	95	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
56	1,1,1,2-Tetrachloroethane	0.466	0.427	8.4	95	0.00
57 T	Chlorobenzene	0.765	0.716	6.4	96	0.00
58 T	Ethyl Benzene	1.203	1.243	-3.3	94	0.00
59 T	m/p-Xylene	1.071	1.054	1.6	96	0.03
60 T	o-Xylene	1.077	1.000	7.1	92	0.00
61 T	Styrene	0.701	0.756	-7.8	92	0.00
62	Isopropylbenzene	1.456	1.431	1.7	95	0.00
63 T	1,1,2,2-Tetrachloroethane	0.840	0.653	22.3	87	0.00
64	n-propylbenzene	0.383	0.370	3.4	92	0.00
65	tert-Butylbenzene	1.305	1.232	5.6	89	0.00
66 T	Benzyl Chloride	0.722	0.666	7.8	79	0.00
67	sec-Butylbenzene	1.881	1.731	8.0	90	0.00
68 S	1-Bromo-4-Fluorobenzene	0.748	0.708	5.3	84	0.00
69	p-Isopropyltoluene	1.496	1.462	2.3	93	0.00
70	n-Butylbenzene	1.519	1.472	3.1	91	0.00
71	2-Chlorotoluene	1.086	1.034	4.8	87	0.00
72 T	4-Ethyltoluene	1.181	1.151	2.5	90	0.00
73 T	1,3,5-Trimethylbenzene	1.154	1.087	5.8	89	0.00
74 T	1,2,4-Trimethylbenzene	1.235	1.113	9.9	90	0.00
75 T	1,3-Dichlorobenzene	0.709	0.642	9.4	91	0.00
76 T	1,4-Dichlorobenzene	0.662	0.633	4.4	91	0.00
77 T	1,2-Dichlorobenzene	0.656	0.628	4.3	95	0.00
78 T	Hexachloro-1,3-Butadiene	0.354	0.479	-35.3#	127	0.00
79 T	Naphthalene	0.812	1.134	-39.7#	116	0.00
80 T	Naphthalene,2-methyl-	0.203	0.321	-58.1#	97	0.00
81 T	1,2,4-Trichlorobenzene	0.408	0.548	-34.3#	117	0.00

(#) = Out of Range

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