

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL121317\
 Data File : VL031240.D
 Acq On : 14 Dec 2017 20:23
 Operator : SY/AP
 Sample : SSTDC0010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCC010

Quant Time: Dec 15 06:09:44 2017
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL121317AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Dec 14 04:29:58 2017
 QLast Update : Thu Dec 14 04:29:58 2017
 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	112	0.00
2 T	Dichlorodifluoromethane	0.845	1.159	-37.2#	163#	0.00
3	Chlorodifluoromethane	1.137	1.234	-8.5	112	0.00
4	Chloromethane	0.614	0.633	-3.1	107	0.00
5 T	Vinyl Chloride	0.635	0.638	-0.5	110	0.00
6 T	Bromomethane	0.376	0.399	-6.1	111	0.00
7	Chloroethane	0.235	0.242	-3.0	107	0.00
8 T	Dichlorotetrafluoroethane	1.173	1.391	-18.6	129	0.00
9 T	Propene	0.558	0.561	-0.5	103	0.00
10 T	Heptane	1.699	1.592	6.3	103	0.00
11 T	Trichlorofluoromethane	1.388	1.500	-8.1	114	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.973	0.924	5.0	107	0.00
13	Ethanol	0.161	0.127	21.1	104	0.00
14 T	Bromoethene	0.418	0.447	-6.9	112	0.00
15 T	Acetone	1.320	1.101	16.6	103	0.00
16 T	1,3-Butadiene	0.568	0.564	0.7	101	0.00
17	tert-Butyl alcohol	0.741	0.576	22.3	80	0.00
18 T	1,1-Dichloroethene	0.436	0.448	-2.8	110	0.00
19 T	Isopropyl Alcohol	0.835	0.771	7.7	96	0.00
20 T	Methylene Chloride	0.437	0.419	4.1	108	0.00
21 T	Allyl Chloride	0.776	0.725	6.6	96	0.00
22 T	trans-1,2-Dichloroethene	0.536	0.521	2.8	105	0.00
23 T	Vinyl Acetate	2.126	1.746	17.9	97	0.00
24 T	1,1-Dichloroethane	1.544	1.436	7.0	104	0.00
25 T	Ethyl Acetate	2.696	2.332	13.5	96	0.00
26 T	Hexane	1.279	1.110	13.2	99	0.00
27 T	Carbon Disulfide	1.281	1.166	9.0	96	0.00
28 T	Methyl tert-Butyl Ether	1.672	1.380	17.5	91	0.00
29 T	Chloroform	1.727	1.696	1.8	113	0.00
30 T	Cyclohexane	1.126	0.957	15.0	107	0.00
31 T	cis-1,2-Dichloroethene	1.160	1.071	7.7	101	0.00
32 T	1,1,1-Trichloroethane	1.846	1.656	10.3	106	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	121	0.00
34 T	2-Butanone	0.706	0.644	8.8	100	0.00
35 T	Carbon Tetrachloride	0.716	0.656	8.4	111	0.00
36 T	Benzene	1.060	0.906	14.5	105	0.00
37 T	1,2-Dichloroethane	0.585	0.544	7.0	112	0.00
38 T	Trichloroethene	0.413	0.357	13.6	108	0.00
39 T	1,2-Dichloropropane	0.375	0.339	9.6	105	0.00
40 T	1,4-Dioxane	0.135	0.149	-10.4	119	0.00
41 T	Tetrahydrofuran	0.397	0.374	5.8	104	0.00
42 T	Bromodichloromethane	0.689	0.690	-0.1	107	0.00
43	Methyl Methacrylate	0.355	0.346	2.5	104	0.00
44 T	2,2,4-Trimethylpentane	1.601	1.465	8.5	104	0.00
45 T	t-1,3-Dichloropropene	0.485	0.476	1.9	100	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.611	0.589	3.6	102	0.00
47 T	1,1,2-Trichloroethane	0.389	0.382	1.8	107	0.00
48 T	Dibromochloromethane	0.607	0.609	-0.3	106	0.00
49 T	Bromoform	0.448	0.398	11.2	87	0.00
50 T	4-Methyl-2-Pentanone	0.864	0.825	4.5	104	0.00
51 T	2-Hexanone	0.825	0.807	2.2	105	0.00
52 T	Tetrachloroethene	0.391	0.340	13.0	104	0.00
53 T	Toluene	1.150	1.104	4.0	107	0.00
54 T	1,2-Dibromoethane	0.589	0.580	1.5	107	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
56	1,1,1,2-Tetrachloroethane	0.446	0.386	13.5	105	0.00
57 T	Chlorobenzene	0.932	0.793	14.9	107	0.00
58 T	Ethyl Benzene	1.651	1.315	20.4	98	0.00
59 T	m/p-Xylene	1.322	1.036	21.6	98	0.00
60 T	o-Xylene	1.332	1.033	22.4	97	0.00
61 T	Styrene	0.382	0.299	21.7	91	0.00
62	Isopropylbenzene	1.747	1.349	22.8	95	0.00
63 T	1,1,2,2-Tetrachloroethane	0.893	0.634	29.0	93	0.00
64	n-propylbenzene	0.464	0.357	23.1	94	0.00
65	tert-Butylbenzene	1.547	1.154	25.4	98	0.00
66 T	Benzyl Chloride	0.167	0.081	51.5#	49	0.00
67	sec-Butylbenzene	2.128	1.620	23.9	97	0.00
68 S	1-Bromo-4-Fluorobenzene	0.711	0.705	0.8	114	0.00
69	p-Isopropyltoluene	1.775	1.332	25.0	96	0.00
70	n-Butylbenzene	1.711	1.348	21.2	100	0.00
71	2-Chlorotoluene	1.297	0.997	23.1	95	0.00
72 T	4-Ethyltoluene	1.459	1.130	22.5	95	0.00
73 T	1,3,5-Trimethylbenzene	1.299	0.990	23.8	94	0.00
74 T	1,2,4-Trimethylbenzene	1.367	1.020	25.4	97	0.00
75 T	1,3-Dichlorobenzene	0.866	0.642	25.9	94	0.00
76 T	1,4-Dichlorobenzene	0.876	0.652	25.6	92	0.00
77 T	1,2-Dichlorobenzene	0.846	0.633	25.2	94	0.00
78 T	Hexachloro-1,3-Butadiene	0.194	0.324	-67.0#	219#	0.00
79 T	Naphthalene	1.106	1.004	9.2	111	0.00
80 T	Naphthalene,2-methyl-	0.412	0.296	28.2	76	0.00
81 T	1,2,4-Trichlorobenzene	0.515	0.452	12.2	109	0.00

(#) = Out of Range

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