

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL121118\
 Data File : VL032982.D
 Acq On : 12 Dec 2018 12:14
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 12 15:09:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 07 09:35:17 2018
 QLast Update : Fri Dec 07 09:35:17 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	111	0.00
2 T	Dichlorodifluoromethane	1.335	0.874	34.5#	77	0.00
3	Chlorodifluoromethane	0.757	0.802	-5.9	127	0.00
4	Chloromethane	0.441	0.508	-15.2	147	0.00
5 T	Vinyl Chloride	0.449	0.498	-10.9	138	0.00
6 T	Bromomethane	0.281	0.316	-12.5	132	0.00
7	Chloroethane	0.161	0.185	-14.9	135	0.00
8 T	Dichlorotetrafluoroethane	1.109	1.229	-10.8	132	0.00
9 T	Propene	0.299	0.400	-33.8#	161#	0.00
10 T	Heptane	1.125	1.454	-29.2	139	0.00
11 T	Trichlorofluoromethane	1.258	1.228	2.4	115	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.073	1.005	6.3	115	0.00
13	Ethanol	0.103	0.098	4.9	157#	0.00
14 T	Bromoethene	0.356	0.395	-11.0	123	0.00
15 T	Acetone	0.858	0.858	0.0	131	0.00
16 T	1,3-Butadiene	0.341	0.427	-25.2	142	0.00
17	tert-Butyl alcohol	0.219	0.294	-34.2#	152#	0.00
18 T	1,1-Dichloroethene	0.420	0.475	-13.1	139	0.00
19 T	Isopropyl Alcohol	0.539	0.688	-27.6	151#	0.00
20 T	Methylene Chloride	0.420	0.429	-2.1	125	0.00
21 T	Allyl Chloride	0.699	0.770	-10.2	124	0.00
22 T	trans-1,2-Dichloroethene	0.522	0.478	8.4	114	0.00
23 T	Vinyl Acetate	1.453	1.938	-33.4#	153#	0.00
24 T	1,1-Dichloroethane	1.264	1.382	-9.3	138	0.00
25 T	Ethyl Acetate	2.028	2.240	-10.5	125	0.00
26 T	Hexane	0.936	1.024	-9.4	122	0.00
27 T	Carbon Disulfide	1.170	1.166	0.3	113	0.00
28 T	Methyl tert-Butyl Ether	1.406	1.785	-27.0	144	0.00
29 T	Chloroform	1.670	1.610	3.6	111	0.00
30 T	Cyclohexane	0.776	0.906	-16.8	127	0.00
31 T	cis-1,2-Dichloroethene	0.859	0.999	-16.3	127	0.00
32 T	1,1,1-Trichloroethane	1.767	1.697	4.0	113	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	116	0.00
34 T	2-Butanone	0.436	0.488	-11.9	130	0.00
35 T	Carbon Tetrachloride	0.786	0.665	15.4	108	0.00
36 T	Benzene	0.736	0.826	-12.2	130	0.00
37 T	1,2-Dichloroethane	0.501	0.459	8.4	108	0.00
38 T	Trichloroethene	0.306	0.341	-11.4	126	0.00
39 T	1,2-Dichloropropane	0.279	0.316	-13.3	133	0.00
40 T	1,4-Dioxane	0.103	0.105	-1.9	125	0.00
41 T	Tetrahydrofuran	0.271	0.342	-26.2	140	0.00
42 T	Bromodichloromethane	0.694	0.679	2.2	114	0.00
43	Methyl Methacrylate	0.273	0.339	-24.2	130	0.00
44 T	2,2,4-Trimethylpentane	1.249	1.391	-11.4	127	0.00
45 T	t-1,3-Dichloropropene	0.334	0.444	-32.9#	124	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.409	0.518	-26.7	128	0.00
47 T	1,1,2-Trichloroethane	0.307	0.344	-12.1	129	0.00
48 T	Dibromochloromethane	0.576	0.613	-6.4	120	0.00
49 T	Bromoform	0.474	0.506	-6.8	116	0.00
50 T	4-Methyl-2-Pentanone	0.697	0.811	-16.4	131	0.00
51 T	2-Hexanone	0.472	0.617	-30.7#	129	0.00
52 T	Tetrachloroethene	0.268	0.297	-10.8	126	0.00
53 T	Toluene	0.780	0.963	-23.5	127	0.00
54 T	1,2-Dibromoethane	0.480	0.536	-11.7	125	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
56	1,1,1,2-Tetrachloroethane	0.446	0.447	-0.2	117	0.00
57 T	Chlorobenzene	0.722	0.767	-6.2	127	0.00
58 T	Ethyl Benzene	1.067	1.336	-25.2	126	0.00
59 T	m/p-Xylene	0.967	1.107	-14.5	122	0.00
60 T	o-Xylene	0.977	1.127	-15.4	126	0.00
61 T	Styrene	0.650	0.835	-28.5	119	0.00
62	Isopropylbenzene	1.363	1.637	-20.1	129	0.00
63 T	1,1,2,2-Tetrachloroethane	0.758	0.769	-1.5	126	0.00
64	n-propylbenzene	0.354	0.399	-12.7	116	0.00
65	tert-Butylbenzene	1.263	1.330	-5.3	105	0.00
66 T	Benzyl Chloride	0.700	0.795	-13.6	109	0.00
67	sec-Butylbenzene	1.863	1.894	-1.7	107	0.00
68 S	1-Bromo-4-Fluorobenzene	0.739	0.705	4.6	105	0.00
69	p-Isopropyltoluene	1.509	1.571	-4.1	109	0.00
70	n-Butylbenzene	1.389	1.568	-12.9	115	0.00
71	2-Chlorotoluene	1.013	1.144	-12.9	114	0.00
72 T	4-Ethyltoluene	1.090	1.266	-16.1	116	0.00
73 T	1,3,5-Trimethylbenzene	1.065	1.189	-11.6	120	0.00
74 T	1,2,4-Trimethylbenzene	1.202	1.201	0.1	106	0.00
75 T	1,3-Dichlorobenzene	0.708	0.674	4.8	107	0.00
76 T	1,4-Dichlorobenzene	0.660	0.675	-2.3	108	0.00
77 T	1,2-Dichlorobenzene	0.661	0.662	-0.2	110	0.00
78 T	Hexachloro-1,3-Butadiene	0.364	0.314	13.7	117	0.00
79 T	Naphthalene	0.776	1.097	-41.4#	140	0.00
80 T	Naphthalene,2-methyl-	0.166	0.404	-143.4#	195#	0.00
81 T	1,2,4-Trichlorobenzene	0.412	0.507	-23.1	131	0.00

(#) = Out of Range

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