

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071119\
 Data File : VL034017.D
 Acq On : 11 Jul 2019 13:01
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 12 07:24:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jul 02 19:31:31 2019
 QLast Update : Tue Jul 02 19:31:31 2019
 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	99	0.00
2 T	Dichlorodifluoromethane	2.064	1.464	29.1	84	0.00
3	Chlorodifluoromethane	1.235	1.169	5.3	102	0.00
4	Chloromethane	0.710	0.674	5.1	104	0.00
5 T	Vinyl Chloride	0.798	0.753	5.6	106	0.00
6 T	Bromomethane	0.471	0.470	0.2	103	0.00
7	Chloroethane	0.285	0.287	-0.7	105	0.00
8 T	Dichlorotetrafluoroethane	2.012	1.905	5.3	103	0.00
9 T	Propene	0.454	0.460	-1.3	107	0.00
10 T	Heptane	1.137	1.305	-14.8	105	0.00
11 T	Trichlorofluoromethane	2.321	2.049	11.7	101	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.642	1.534	6.6	107	0.00
13	Ethanol	0.141	0.115	18.4	97	0.00
14 T	Bromoethene	0.613	0.640	-4.4	105	0.00
15 T	Acetone	1.681	1.386	17.5	102	0.00
16 T	1,3-Butadiene	0.594	0.616	-3.7	104	0.00
17	tert-Butyl alcohol	1.340	1.156	13.7	91	0.00
18 T	1,1-Dichloroethene	0.732	0.680	7.1	102	0.00
19 T	Isopropyl Alcohol	1.129	0.897	20.5	89	0.00
20 T	Methylene Chloride	0.733	0.606	17.3	104	0.00
21 T	Allyl Chloride	1.048	1.012	3.4	104	0.00
22 T	trans-1,2-Dichloroethene	0.697	0.717	-2.9	105	0.00
23 T	Vinyl Acetate	1.678	1.927	-14.8	107	0.00
24 T	1,1-Dichloroethane	1.487	1.534	-3.2	107	0.00
25 T	Ethyl Acetate	2.300	2.441	-6.1	106	0.00
26 T	Hexane	1.052	1.124	-6.8	108	0.00
27 T	Carbon Disulfide	1.789	1.858	-3.9	107	0.00
28 T	Methyl tert-Butyl Ether	1.782	1.993	-11.8	106	0.00
29 T	Chloroform	1.978	1.946	1.6	106	0.00
30 T	Cyclohexane	0.813	0.971	-19.4	111	0.00
31 T	cis-1,2-Dichloroethene	1.017	1.142	-12.3	104	0.00
32 T	1,1,1-Trichloroethane	2.004	1.941	3.1	104	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
34 T	2-Butanone	0.529	0.572	-8.1	108	0.00
35 T	Carbon Tetrachloride	0.792	0.775	2.1	103	0.00
36 T	Benzene	0.782	0.866	-10.7	105	0.00
37 T	1,2-Dichloroethane	0.576	0.566	1.7	102	0.00
38 T	Trichloroethene	0.348	0.376	-8.0	104	0.00
39 T	1,2-Dichloropropane	0.291	0.307	-5.5	103	0.00
40 T	1,4-Dioxane	0.134	0.126	6.0	97	-0.01
41 T	Tetrahydrofuran	0.260	0.299	-15.0	105	0.00
42 T	Bromodichloromethane	0.773	0.795	-2.8	104	0.00
43	Methyl Methacrylate	0.297	0.353	-18.9	107	0.00
44 T	2,2,4-Trimethylpentane	1.351	1.444	-6.9	105	0.00
45 T	t-1,3-Dichloropropene	0.388	0.496	-27.8	106	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.450	0.554	-23.1	107	0.00
47 T	1,1,2-Trichloroethane	0.366	0.380	-3.8	106	0.00
48 T	Dibromochloromethane	0.698	0.709	-1.6	106	-0.01
49 T	Bromoform	0.596	0.669	-12.2	109	0.00
50 T	4-Methyl-2-Pentanone	0.785	0.867	-10.4	106	0.00
51 T	2-Hexanone	0.633	0.707	-11.7	105	0.00
52 T	Tetrachloroethene	0.337	0.357	-5.9	103	0.00
53 T	Toluene	0.896	1.076	-20.1	107	0.00
54 T	1,2-Dibromoethane	0.540	0.593	-9.8	106	-0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
56	1,1,1,2-Tetrachloroethane	0.447	0.409	8.5	107	-0.01
57 T	Chlorobenzene	0.796	0.736	7.5	109	0.00
58 T	Ethyl Benzene	1.203	1.277	-6.2	108	0.00
59 T	m/p-Xylene	1.089	1.102	-1.2	111	0.00
60 T	o-Xylene	1.089	1.061	2.6	108	-0.01
61 T	Styrene	0.721	0.786	-9.0	106	0.00
62	Isopropylbenzene	1.675	1.392	16.9	79	0.00
63 T	1,1,2,2-Tetrachloroethane	0.843	0.741	12.1	108	-0.02
64	n-propylbenzene	0.434	0.358	17.5	78	0.00
65	tert-Butylbenzene	1.424	1.250	12.2	78	0.00
66 T	Benzyl Chloride	0.729	0.712	2.3	79	0.00
67	sec-Butylbenzene	1.999	1.765	11.7	80	0.00
68 S	1-Bromo-4-Fluorobenzene	0.853	0.687	19.5	78	0.00
69	p-Isopropyltoluene	1.648	1.460	11.4	80	0.00
70	n-Butylbenzene	1.731	1.517	12.4	79	0.00
71	2-Chlorotoluene	1.225	1.044	14.8	77	0.00
72 T	4-Ethyltoluene	1.399	1.204	13.9	79	-0.01
73 T	1,3,5-Trimethylbenzene	1.302	1.181	9.3	79	0.00
74 T	1,2,4-Trimethylbenzene	1.442	1.221	15.3	78	0.00
75 T	1,3-Dichlorobenzene	0.916	0.726	20.7	78	-0.02
76 T	1,4-Dichlorobenzene	0.862	0.728	15.5	80	0.00
77 T	1,2-Dichlorobenzene	0.848	0.689	18.8	78	0.00
78 T	Hexachloro-1,3-Butadiene	0.722	0.653	9.6	100	0.00
79 T	Naphthalene	1.212	1.135	6.4	81	-0.02
80 T	Naphthalene,2-methyl-	0.441	0.584	-32.4#	122	0.00
81 T	1,2,4-Trichlorobenzene	0.778	0.665	14.5	80	-0.02

(#) = Out of Range

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