

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071119\
 Data File : VL034033.D
 Acq On : 12 Jul 2019 9:30
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 12 15:45:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue 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	84	-0.01
2 T	Dichlorodifluoromethane	2.064	2.278	-10.4	110	0.00
3	Chlorodifluoromethane	1.235	1.181	4.4	88	0.00
4	Chloromethane	0.710	0.709	0.1	93	0.00
5 T	Vinyl Chloride	0.798	0.776	2.8	93	0.00
6 T	Bromomethane	0.471	0.483	-2.5	90	0.00
7	Chloroethane	0.285	0.293	-2.8	91	0.00
8 T	Dichlorotetrafluoroethane	2.012	1.882	6.5	87	0.00
9 T	Propene	0.454	0.517	-13.9	102	0.00
10 T	Heptane	1.137	1.467	-29.0	101	-0.01
11 T	Trichlorofluoromethane	2.321	1.961	15.5	82	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.642	1.501	8.6	89	0.00
13	Ethanol	0.141	0.104	26.2	74	0.00
14 T	Bromoethene	0.613	0.675	-10.1	94	0.00
15 T	Acetone	1.681	1.445	14.0	90	0.00
16 T	1,3-Butadiene	0.594	0.655	-10.3	94	0.00
17	tert-Butyl alcohol	1.340	1.072	20.0	71	0.00
18 T	1,1-Dichloroethene	0.732	0.672	8.2	85	0.00
19 T	Isopropyl Alcohol	1.129	0.802	29.0	67	0.00
20 T	Methylene Chloride	0.733	0.583	20.5	85	0.00
21 T	Allyl Chloride	1.048	1.111	-6.0	97	0.00
22 T	trans-1,2-Dichloroethene	0.697	0.742	-6.5	92	0.00
23 T	Vinyl Acetate	1.678	2.211	-31.8#	105	0.00
24 T	1,1-Dichloroethane	1.487	1.665	-12.0	99	0.00
25 T	Ethyl Acetate	2.300	2.551	-10.9	94	0.00
26 T	Hexane	1.052	1.151	-9.4	94	0.00
27 T	Carbon Disulfide	1.789	1.826	-2.1	89	0.00
28 T	Methyl tert-Butyl Ether	1.782	2.248	-26.2	102	0.00
29 T	Chloroform	1.978	1.921	2.9	89	0.00
30 T	Cyclohexane	0.813	1.090	-34.1#	106	0.00
31 T	cis-1,2-Dichloroethene	1.017	1.180	-16.0	91	0.00
32 T	1,1,1-Trichloroethane	2.004	1.918	4.3	87	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
34 T	2-Butanone	0.529	0.604	-14.2	105	0.00
35 T	Carbon Tetrachloride	0.792	0.764	3.5	94	-0.01
36 T	Benzene	0.782	0.922	-17.9	104	0.00
37 T	1,2-Dichloroethane	0.576	0.508	11.8	85	0.00
38 T	Trichloroethene	0.348	0.381	-9.5	98	-0.01
39 T	1,2-Dichloropropane	0.291	0.330	-13.4	103	0.00
40 T	1,4-Dioxane	0.134	0.122	9.0	87	0.00
41 T	Tetrahydrofuran	0.260	0.305	-17.3	100	0.00
42 T	Bromodichloromethane	0.773	0.796	-3.0	96	0.00
43	Methyl Methacrylate	0.297	0.373	-25.6	105	0.00
44 T	2,2,4-Trimethylpentane	1.351	1.511	-11.8	102	0.00
45 T	t-1,3-Dichloropropene	0.388	0.494	-27.3	98	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.450	0.560	-24.4	100	0.00
47 T	1,1,2-Trichloroethane	0.366	0.384	-4.9	99	0.00
48 T	Dibromochloromethane	0.698	0.678	2.9	94	0.00
49 T	Bromoform	0.596	0.603	-1.2	91	0.00
50 T	4-Methyl-2-Pentanone	0.785	0.898	-14.4	102	0.00
51 T	2-Hexanone	0.633	0.718	-13.4	99	0.00
52 T	Tetrachloroethene	0.337	0.356	-5.6	95	0.00
53 T	Toluene	0.896	1.095	-22.2	101	0.00
54 T	1,2-Dibromoethane	0.540	0.586	-8.5	97	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
56	1,1,1,2-Tetrachloroethane	0.447	0.439	1.8	95	-0.01
57 T	Chlorobenzene	0.796	0.790	0.8	98	0.00
58 T	Ethyl Benzene	1.203	1.408	-17.0	99	0.00
59 T	m/p-Xylene	1.089	1.154	-6.0	97	0.00
60 T	o-Xylene	1.089	1.146	-5.2	97	0.00
61 T	Styrene	0.721	0.868	-20.4	97	0.00
62	Isopropylbenzene	1.675	1.525	9.0	72	0.00
63 T	1,1,2,2-Tetrachloroethane	0.843	0.770	8.7	93	-0.01
64	n-propylbenzene	0.434	0.386	11.1	70	0.00
65	tert-Butylbenzene	1.424	1.336	6.2	69	0.00
66 T	Benzyl Chloride	0.729	0.720	1.2	66	0.00
67	sec-Butylbenzene	1.999	1.895	5.2	72	0.00
68 S	1-Bromo-4-Fluorobenzene	0.853	0.752	11.8	71	0.00
69	p-Isopropyltoluene	1.648	1.568	4.9	71	0.00
70	n-Butylbenzene	1.731	1.673	3.4	73	0.00
71	2-Chlorotoluene	1.225	1.144	6.6	70	0.00
72 T	4-Ethyltoluene	1.399	1.346	3.8	74	0.00
73 T	1,3,5-Trimethylbenzene	1.302	1.264	2.9	71	0.00
74 T	1,2,4-Trimethylbenzene	1.442	1.320	8.5	70	0.00
75 T	1,3-Dichlorobenzene	0.916	0.771	15.8	69	-0.01
76 T	1,4-Dichlorobenzene	0.862	0.764	11.4	70	0.00
77 T	1,2-Dichlorobenzene	0.848	0.753	11.2	71	0.00
78 T	Hexachloro-1,3-Butadiene	0.722	0.772	-6.9	98	0.00
79 T	Naphthalene	1.212	1.420	-17.2	85	-0.01
80 T	Naphthalene,2-methyl-	0.441	0.521	-18.1	91	0.00
81 T	1,2,4-Trichlorobenzene	0.778	0.799	-2.7	80	-0.01

(#) = Out of Range

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