

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071719\
 Data File : VL034035.D
 Acq On : 17 Jul 2019 15:13
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 18 04:50:28 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	109	-0.01
2 T	Dichlorodifluoromethane	2.064	1.592	22.9	100	0.00
3	Chlorodifluoromethane	1.235	1.092	11.6	105	0.00
4	Chloromethane	0.710	0.652	8.2	110	0.00
5 T	Vinyl Chloride	0.798	0.706	11.5	109	0.00
6 T	Bromomethane	0.471	0.432	8.3	104	0.00
7	Chloroethane	0.285	0.267	6.3	107	0.00
8 T	Dichlorotetrafluoroethane	2.012	1.723	14.4	103	0.00
9 T	Propene	0.454	0.467	-2.9	119	0.00
10 T	Heptane	1.137	1.227	-7.9	109	-0.01
11 T	Trichlorofluoromethane	2.321	1.833	21.0	100	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.642	1.299	20.9	100	0.00
13	Ethanol	0.141	0.123	12.8	114	0.00
14 T	Bromoethene	0.613	0.581	5.2	105	0.00
15 T	Acetone	1.681	1.295	23.0	104	0.00
16 T	1,3-Butadiene	0.594	0.592	0.3	110	0.00
17	tert-Butyl alcohol	1.340	1.280	4.5	110	0.00
18 T	1,1-Dichloroethene	0.732	0.614	16.1	101	0.00
19 T	Isopropyl Alcohol	1.129	1.009	10.6	109	0.00
20 T	Methylene Chloride	0.733	0.537	26.7	101	0.00
21 T	Allyl Chloride	1.048	0.940	10.3	106	0.00
22 T	trans-1,2-Dichloroethene	0.697	0.618	11.3	100	0.00
23 T	Vinyl Acetate	1.678	1.785	-6.4	109	0.00
24 T	1,1-Dichloroethane	1.487	1.381	7.1	106	0.00
25 T	Ethyl Acetate	2.300	2.280	0.9	109	0.00
26 T	Hexane	1.052	1.037	1.4	109	0.00
27 T	Carbon Disulfide	1.789	1.599	10.6	101	0.00
28 T	Methyl tert-Butyl Ether	1.782	1.852	-3.9	108	-0.01
29 T	Chloroform	1.978	1.741	12.0	104	0.00
30 T	Cyclohexane	0.813	0.868	-6.8	109	0.00
31 T	cis-1,2-Dichloroethene	1.017	1.055	-3.7	105	-0.01
32 T	1,1,1-Trichloroethane	2.004	1.712	14.6	101	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	110	-0.01
34 T	2-Butanone	0.529	0.549	-3.8	111	0.00
35 T	Carbon Tetrachloride	0.792	0.692	12.6	100	0.00
36 T	Benzene	0.782	0.824	-5.4	108	-0.01
37 T	1,2-Dichloroethane	0.576	0.506	12.2	98	-0.01
38 T	Trichloroethene	0.348	0.349	-0.3	104	-0.01
39 T	1,2-Dichloropropane	0.291	0.298	-2.4	108	0.00
40 T	1,4-Dioxane	0.134	0.139	-3.7	115	0.00
41 T	Tetrahydrofuran	0.260	0.291	-11.9	111	0.00
42 T	Bromodichloromethane	0.773	0.728	5.8	103	0.00
43	Methyl Methacrylate	0.297	0.333	-12.1	109	0.00
44 T	2,2,4-Trimethylpentane	1.351	1.383	-2.4	108	-0.01
45 T	t-1,3-Dichloropropene	0.388	0.454	-17.0	105	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.450	0.511	-13.6	106	-0.01
47 T	1,1,2-Trichloroethane	0.366	0.345	5.7	103	-0.02
48 T	Dibromochloromethane	0.698	0.611	12.5	98	0.00
49 T	Bromoform	0.596	0.545	8.6	96	-0.01
50 T	4-Methyl-2-Pentanone	0.785	0.811	-3.3	107	0.00
51 T	2-Hexanone	0.633	0.656	-3.6	105	-0.01
52 T	Tetrachloroethene	0.337	0.322	4.5	100	0.00
53 T	Toluene	0.896	0.975	-8.8	104	0.00
54 T	1,2-Dibromoethane	0.540	0.530	1.9	102	-0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
56	1,1,1,2-Tetrachloroethane	0.447	0.400	10.5	101	-0.02
57 T	Chlorobenzene	0.796	0.708	11.1	102	0.00
58 T	Ethyl Benzene	1.203	1.264	-5.1	104	0.00
59 T	m/p-Xylene	1.089	1.039	4.6	101	0.00
60 T	o-Xylene	1.089	1.023	6.1	101	-0.01
61 T	Styrene	0.721	0.772	-7.1	101	0.00
62	Isopropylbenzene	1.675	1.341	19.9	74	0.00
63 T	1,1,2,2-Tetrachloroethane	0.843	0.689	18.3	97	-0.02
64	n-propylbenzene	0.434	0.347	20.0	73	0.00
65	tert-Butylbenzene	1.424	1.205	15.4	73	0.00
66 T	Benzyl Chloride	0.729	0.668	8.4	71	0.00
67	sec-Butylbenzene	1.999	1.712	14.4	75	0.00
68 S	1-Bromo-4-Fluorobenzene	0.853	0.741	13.1	81	0.00
69	p-Isopropyltoluene	1.648	1.438	12.7	76	-0.01
70	n-Butylbenzene	1.731	1.514	12.5	77	0.00
71	2-Chlorotoluene	1.225	1.022	16.6	73	-0.01
72 T	4-Ethyltoluene	1.399	1.184	15.4	76	-0.01
73 T	1,3,5-Trimethylbenzene	1.302	1.152	11.5	75	0.00
74 T	1,2,4-Trimethylbenzene	1.442	1.183	18.0	74	0.00
75 T	1,3-Dichlorobenzene	0.916	0.699	23.7	73	-0.02
76 T	1,4-Dichlorobenzene	0.862	0.694	19.5	74	-0.01
77 T	1,2-Dichlorobenzene	0.848	0.680	19.8	75	-0.01
78 T	Hexachloro-1,3-Butadiene	0.722	0.587	18.7	87	0.00
79 T	Naphthalene	1.212	1.323	-9.2	92	-0.02
80 T	Naphthalene,2-methyl-	0.441	0.331	24.9	67	-0.01
81 T	1,2,4-Trichlorobenzene	0.778	0.751	3.5	87	-0.02

(#) = Out of Range

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