

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL032919\
 Data File : VL033496.D
 Acq On : 29 Mar 2019 9:57
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 30 01:45:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
 QLast Update : Tue Mar 26 16:00:50 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	121	0.00
2 T	Dichlorodifluoromethane	1.458	1.250	14.3	124	0.00
3	Chlorodifluoromethane	1.151	1.113	3.3	126	0.00
4	Chloromethane	0.609	0.616	-1.1	129	0.00
5 T	Vinyl Chloride	0.599	0.607	-1.3	129	0.00
6 T	Bromomethane	0.385	0.396	-2.9	132	0.00
7	Chloroethane	0.223	0.230	-3.1	131	0.00
8 T	Dichlorotetrafluoroethane	1.554	1.487	4.3	127	0.00
9 T	Propene	0.483	0.494	-2.3	129	0.00
10 T	Heptane	1.292	1.334	-3.3	131	0.00
11 T	Trichlorofluoromethane	1.797	1.672	7.0	122	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.207	1.165	3.5	127	0.00
13	Ethanol	0.125	0.126	-0.8	121	0.00
14 T	Bromoethene	0.482	0.502	-4.1	130	0.00
15 T	Acetone	1.202	1.078	10.3	127	0.00
16 T	1,3-Butadiene	0.477	0.541	-13.4	126	0.00
17	tert-Butyl alcohol	0.221	0.218	1.4	123	0.00
18 T	1,1-Dichloroethene	0.519	0.537	-3.5	132	0.00
19 T	Isopropyl Alcohol	0.761	0.727	4.5	122	0.00
20 T	Methylene Chloride	0.510	0.468	8.2	135	0.00
21 T	Allyl Chloride	0.760	0.799	-5.1	128	0.00
22 T	trans-1,2-Dichloroethene	0.541	0.535	1.1	127	0.00
23 T	Vinyl Acetate	1.711	1.853	-8.3	130	0.00
24 T	1,1-Dichloroethane	1.300	1.272	2.2	126	0.00
25 T	Ethyl Acetate	2.231	2.262	-1.4	131	0.00
26 T	Hexane	0.992	1.022	-3.0	134	0.00
27 T	Carbon Disulfide	1.180	1.261	-6.9	123	0.00
28 T	Methyl tert-Butyl Ether	1.429	1.511	-5.7	127	0.00
29 T	Chloroform	1.700	1.679	1.2	129	0.00
30 T	Cyclohexane	0.785	0.861	-9.7	133	0.00
31 T	cis-1,2-Dichloroethene	0.986	1.088	-10.3	134	0.00
32 T	1,1,1-Trichloroethane	1.619	1.643	-1.5	125	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	126	0.00
34 T	2-Butanone	0.601	0.600	0.2	129	0.00
35 T	Carbon Tetrachloride	0.708	0.699	1.3	122	0.00
36 T	Benzene	0.839	0.882	-5.1	135	0.00
37 T	1,2-Dichloroethane	0.562	0.523	6.9	124	0.00
38 T	Trichloroethene	0.316	0.356	-12.7	136	0.00
39 T	1,2-Dichloropropane	0.329	0.329	0.0	131	0.00
40 T	1,4-Dioxane	0.117	0.125	-6.8	137	0.00
41 T	Tetrahydrofuran	0.330	0.350	-6.1	131	0.00
42 T	Bromodichloromethane	0.766	0.758	1.0	126	0.00
43	Methyl Methacrylate	0.341	0.366	-7.3	133	0.00
44 T	2,2,4-Trimethylpentane	1.466	1.455	0.8	131	0.00
45 T	t-1,3-Dichloropropene	0.418	0.495	-18.4	128	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.488	0.556	-13.9	131	0.00
47 T	1,1,2-Trichloroethane	0.373	0.379	-1.6	134	0.00
48 T	Dibromochloromethane	0.630	0.691	-9.7	132	0.00
49 T	Bromoform	0.601	0.619	-3.0	97	0.00
50 T	4-Methyl-2-Pentanone	0.880	0.900	-2.3	129	0.00
51 T	2-Hexanone	0.656	0.726	-10.7	131	0.00
52 T	Tetrachloroethene	0.317	0.359	-13.2	136	0.00
53 T	Toluene	0.975	1.101	-12.9	136	0.00
54 T	1,2-Dibromoethane	0.584	0.616	-5.5	133	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	130	0.00
56	1,1,1,2-Tetrachloroethane	0.458	0.427	6.8	129	0.00
57 T	Chlorobenzene	0.776	0.738	4.9	134	0.00
58 T	Ethyl Benzene	1.335	1.342	-0.5	131	0.00
59 T	m/p-Xylene	1.193	1.127	5.5	116	0.00
60 T	o-Xylene	1.153	1.096	4.9	127	0.00
61 T	Styrene	0.792	0.845	-6.7	132	0.00
62	Isopropylbenzene	1.633	1.555	4.8	127	0.00
63 T	1,1,2,2-Tetrachloroethane	0.849	0.755	11.1	126	0.00
64	n-propylbenzene	0.414	0.398	3.9	125	0.00
65	tert-Butylbenzene	1.439	1.385	3.8	129	0.00
66 T	Benzyl Chloride	0.669	0.744	-11.2	120	0.00
67	sec-Butylbenzene	2.047	1.958	4.3	127	0.00
68 S	1-Bromo-4-Fluorobenzene	0.784	0.700	10.7	118	0.00
69	p-Isopropyltoluene	1.667	1.635	1.9	127	0.00
70	n-Butylbenzene	1.766	1.707	3.3	126	0.00
71	2-Chlorotoluene	1.242	1.191	4.1	124	0.00
72 T	4-Ethyltoluene	1.297	1.268	2.2	126	0.00
73 T	1,3,5-Trimethylbenzene	1.241	1.224	1.4	129	0.00
74 T	1,2,4-Trimethylbenzene	1.330	1.266	4.8	127	0.00
75 T	1,3-Dichlorobenzene	0.822	0.762	7.3	130	0.00
76 T	1,4-Dichlorobenzene	0.801	0.763	4.7	128	0.00
77 T	1,2-Dichlorobenzene	0.780	0.745	4.5	128	0.00
78 T	Hexachloro-1,3-Butadiene	0.516	0.557	-7.9	174#	0.00
79 T	Naphthalene	1.138	1.292	-13.5	129	0.00
80 T	Naphthalene,2-methyl-	0.382	0.607	-58.9#	138	0.00
81 T	1,2,4-Trichlorobenzene	0.631	0.661	-4.8	130	0.00

(#) = Out of Range

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