

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040419\
 Data File : VL033561.D
 Acq On : 5 Apr 2019 11:01
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 06 04:19:40 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	153#	0.00
2 T	Dichlorodifluoromethane	1.458	1.548	-6.2	194#	0.00
3	Chlorodifluoromethane	1.151	0.900	21.8	129	0.00
4	Chloromethane	0.609	0.516	15.3	137	0.00
5 T	Vinyl Chloride	0.599	0.516	13.9	138	0.00
6 T	Bromomethane	0.385	0.335	13.0	141	0.00
7	Chloroethane	0.223	0.186	16.6	134	0.00
8 T	Dichlorotetrafluoroethane	1.554	1.229	20.9	132	0.00
9 T	Propene	0.483	0.427	11.6	140	0.00
10 T	Heptane	1.292	1.091	15.6	136	0.00
11 T	Trichlorofluoromethane	1.797	1.336	25.7	123	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.207	0.930	22.9	128	0.00
13	Ethanol	0.125	0.140	-12.0	169#	0.00
14 T	Bromoethene	0.482	0.418	13.3	136	0.00
15 T	Acetone	1.202	0.878	27.0	131	0.00
16 T	1,3-Butadiene	0.477	0.431	9.6	126	0.00
17	tert-Butyl alcohol	0.221	0.195	11.8	139	0.00
18 T	1,1-Dichloroethene	0.519	0.430	17.1	133	0.00
19 T	Isopropyl Alcohol	0.761	0.734	3.5	155#	0.00
20 T	Methylene Chloride	0.510	0.371	27.3	135	0.00
21 T	Allyl Chloride	0.760	0.638	16.1	129	0.00
22 T	trans-1,2-Dichloroethene	0.541	0.461	14.8	138	0.00
23 T	Vinyl Acetate	1.711	1.495	12.6	132	0.00
24 T	1,1-Dichloroethane	1.300	1.045	19.6	131	0.00
25 T	Ethyl Acetate	2.231	1.795	19.5	131	0.00
26 T	Hexane	0.992	0.828	16.5	137	0.00
27 T	Carbon Disulfide	1.180	1.011	14.3	125	0.00
28 T	Methyl tert-Butyl Ether	1.429	1.282	10.3	136	0.00
29 T	Chloroform	1.700	1.362	19.9	132	0.00
30 T	Cyclohexane	0.785	0.758	3.4	148	0.00
31 T	cis-1,2-Dichloroethene	0.986	0.858	13.0	133	0.00
32 T	1,1,1-Trichloroethane	1.619	1.328	18.0	127	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	176#	0.00
34 T	2-Butanone	0.601	0.457	24.0	136	0.00
35 T	Carbon Tetrachloride	0.708	0.519	26.7	126	0.00
36 T	Benzene	0.839	0.686	18.2	146	0.00
37 T	1,2-Dichloroethane	0.562	0.365	35.1#	120	0.00
38 T	Trichloroethene	0.316	0.268	15.2	142	0.00
39 T	1,2-Dichloropropane	0.329	0.252	23.4	139	0.00
40 T	1,4-Dioxane	0.117	0.114	2.6	174#	0.00
41 T	Tetrahydrofuran	0.330	0.265	19.7	138	0.00
42 T	Bromodichloromethane	0.766	0.544	29.0	126	0.00
43	Methyl Methacrylate	0.341	0.273	19.9	138	0.00
44 T	2,2,4-Trimethylpentane	1.466	1.082	26.2	135	0.00
45 T	t-1,3-Dichloropropene	0.418	0.363	13.2	131	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.488	0.412	15.6	135	0.00
47 T	1,1,2-Trichloroethane	0.373	0.283	24.1	139	0.00
48 T	Dibromochloromethane	0.630	0.485	23.0	128	0.00
49 T	Bromoform	0.601	0.453	24.6	99	0.00
50 T	4-Methyl-2-Pentanone	0.880	0.649	26.2	129	0.00
51 T	2-Hexanone	0.656	0.518	21.0	130	0.00
52 T	Tetrachloroethene	0.317	0.267	15.8	141	0.00
53 T	Toluene	0.975	0.816	16.3	140	0.00
54 T	1,2-Dibromoethane	0.584	0.452	22.6	136	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	170#	0.00
56	1,1,1,2-Tetrachloroethane	0.458	0.334	27.1	132	0.00
57 T	Chlorobenzene	0.776	0.596	23.2	141	0.00
58 T	Ethyl Benzene	1.335	1.067	20.1	136	0.00
59 T	m/p-Xylene	1.193	0.876	26.6	119	-0.03
60 T	o-Xylene	1.153	0.852	26.1	129	0.00
61 T	Styrene	0.792	0.673	15.0	137	0.00
62	Isopropylbenzene	1.633	1.234	24.4	132	0.00
63 T	1,1,2,2-Tetrachloroethane	0.849	0.585	31.1#	128	0.00
64	n-propylbenzene	0.414	0.320	22.7	132	0.00
65	tert-Butylbenzene	1.439	1.084	24.7	132	0.00
66 T	Benzyl Chloride	0.669	0.590	11.8	125	0.00
67	sec-Butylbenzene	2.047	1.545	24.5	132	0.00
68 S	1-Bromo-4-Fluorobenzene	0.784	0.714	8.9	157#	0.00
69	p-Isopropyltoluene	1.667	1.285	22.9	131	0.00
70	n-Butylbenzene	1.766	1.327	24.9	128	0.00
71	2-Chlorotoluene	1.242	0.932	25.0	127	0.00
72 T	4-Ethyltoluene	1.297	1.014	21.8	132	0.00
73 T	1,3,5-Trimethylbenzene	1.241	0.964	22.3	133	0.00
74 T	1,2,4-Trimethylbenzene	1.330	0.986	25.9	130	0.00
75 T	1,3-Dichlorobenzene	0.822	0.596	27.5	133	0.00
76 T	1,4-Dichlorobenzene	0.801	0.601	25.0	133	0.00
77 T	1,2-Dichlorobenzene	0.780	0.590	24.4	133	0.00
78 T	Hexachloro-1,3-Butadiene	0.516	0.377	26.9	154#	0.00
79 T	Naphthalene	1.138	0.959	15.7	126	0.00
80 T	Naphthalene,2-methyl-	0.382	0.191	50.0#	57	0.00
81 T	1,2,4-Trichlorobenzene	0.631	0.504	20.1	130	0.00

(#) = Out of Range

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