

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062419\
 Data File : VL033930.D
 Acq On : 24 Jun 2019 9:18
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 25 03:44:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 07 08:53:27 2019
 QLast Update : Fri Jun 07 08:53:27 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	126	0.00
2 T	Dichlorodifluoromethane	1.623	1.238	23.7	114	0.00
3	Chlorodifluoromethane	1.177	0.933	20.7	106	0.00
4	Chloromethane	0.671	0.534	20.4	104	0.00
5 T	Vinyl Chloride	0.623	0.531	14.8	104	0.00
6 T	Bromomethane	0.414	0.341	17.6	104	0.00
7	Chloroethane	0.246	0.204	17.1	107	0.00
8 T	Dichlorotetrafluoroethane	1.734	1.391	19.8	103	0.00
9 T	Propene	0.440	0.394	10.5	110	0.00
10 T	Heptane	1.113	1.221	-9.7	123	0.00
11 T	Trichlorofluoromethane	2.094	1.706	18.5	105	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.415	1.136	19.7	103	0.00
13	Ethanol	0.143	0.073	49.0#	84	0.00
14 T	Bromoethene	0.527	0.454	13.9	103	0.00
15 T	Acetone	1.458	1.065	27.0	108	0.00
16 T	1,3-Butadiene	0.555	0.478	13.9	105	0.00
17	tert-Butyl alcohol	1.140	0.892	21.8	85	0.00
18 T	1,1-Dichloroethene	0.598	0.500	16.4	103	0.00
19 T	Isopropyl Alcohol	0.833	0.636	23.6	85	0.00
20 T	Methylene Chloride	0.569	0.421	26.0	103	0.00
21 T	Allyl Chloride	0.828	0.732	11.6	106	0.00
22 T	trans-1,2-Dichloroethene	0.630	0.529	16.0	103	0.00
23 T	Vinyl Acetate	1.695	1.599	5.7	110	0.00
24 T	1,1-Dichloroethane	1.319	1.101	16.5	105	0.00
25 T	Ethyl Acetate	2.221	2.247	-1.2	126	0.00
26 T	Hexane	1.011	0.974	3.7	125	0.00
27 T	Carbon Disulfide	1.405	1.297	7.7	106	0.00
28 T	Methyl tert-Butyl Ether	1.529	1.454	4.9	104	0.00
29 T	Chloroform	1.732	1.670	3.6	122	0.00
30 T	Cyclohexane	0.715	0.793	-10.9	121	0.00
31 T	cis-1,2-Dichloroethene	0.887	1.005	-13.3	126	0.00
32 T	1,1,1-Trichloroethane	1.671	1.653	1.1	114	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	118	0.00
34 T	2-Butanone	0.564	0.564	0.0	109	0.00
35 T	Carbon Tetrachloride	0.773	0.827	-7.0	117	0.00
36 T	Benzene	0.764	0.870	-13.9	121	0.00
37 T	1,2-Dichloroethane	0.565	0.588	-4.1	118	0.00
38 T	Trichloroethene	0.297	0.358	-20.5	113	0.00
39 T	1,2-Dichloropropane	0.295	0.326	-10.5	119	0.00
40 T	1,4-Dioxane	0.120	0.125	-4.2	103	0.00
41 T	Tetrahydrofuran	0.286	0.340	-18.9	120	0.00
42 T	Bromodichloromethane	0.755	0.814	-7.8	118	0.00
43	Methyl Methacrylate	0.286	0.351	-22.7	119	-0.01
44 T	2,2,4-Trimethylpentane	1.358	1.483	-9.2	119	0.00
45 T	t-1,3-Dichloropropene	0.375	0.428	-14.1	103	-0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.429	0.540	-25.9	117	0.00
47 T	1,1,2-Trichloroethane	0.351	0.319	9.1	100	0.00
48 T	Dibromochloromethane	0.632	0.619	2.1	101	-0.01
49 T	Bromoform	0.558	0.633	-13.4	114	0.00
50 T	4-Methyl-2-Pentanone	0.841	0.972	-15.6	120	0.00
51 T	2-Hexanone	0.657	0.714	-8.7	106	0.00
52 T	Tetrachloroethene	0.269	0.319	-18.6	109	-0.01
53 T	Toluene	0.845	0.901	-6.6	102	-0.01
54 T	1,2-Dibromoethane	0.530	0.516	2.6	102	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	109	-0.01
56	1,1,1,2-Tetrachloroethane	0.437	0.440	-0.7	108	-0.01
57 T	Chlorobenzene	0.749	0.759	-1.3	108	-0.01
58 T	Ethyl Benzene	1.127	1.256	-11.4	102	-0.01
59 T	m/p-Xylene	1.025	1.181	-15.2	112	-0.01
60 T	o-Xylene	1.059	1.201	-13.4	109	-0.01
61 T	Styrene	0.685	0.879	-28.3	111	-0.02
62	Isopropylbenzene	1.427	1.569	-10.0	107	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.797	0.860	-7.9	111	0.00
64	n-propylbenzene	0.365	0.414	-13.4	109	-0.01
65	tert-Butylbenzene	1.320	1.480	-12.1	108	0.00
66 T	Benzyl Chloride	0.669	0.836	-25.0	109	-0.02
67	sec-Butylbenzene	1.852	2.038	-10.0	107	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.821	0.833	-1.5	114	-0.01
69	p-Isopropyltoluene	1.541	1.717	-11.4	106	0.00
70	n-Butylbenzene	1.688	1.980	-17.3	115	-0.01
71	2-Chlorotoluene	1.051	1.227	-16.7	110	-0.02
72 T	4-Ethyltoluene	1.205	1.410	-17.0	108	-0.01
73 T	1,3,5-Trimethylbenzene	1.187	1.354	-14.1	109	-0.01
74 T	1,2,4-Trimethylbenzene	1.368	1.455	-6.4	108	-0.01
75 T	1,3-Dichlorobenzene	0.856	0.838	2.1	106	-0.01
76 T	1,4-Dichlorobenzene	0.786	0.818	-4.1	105	-0.01
77 T	1,2-Dichlorobenzene	0.790	0.803	-1.6	105	-0.02
78 T	Hexachloro-1,3-Butadiene	0.617	0.675	-9.4	135	0.00
79 T	Naphthalene	1.093	1.326	-21.3	112	-0.02
80 T	Naphthalene,2-methyl-	0.436	0.576	-32.1#	137	0.00
81 T	1,2,4-Trichlorobenzene	0.690	0.778	-12.8	111	-0.02

(#) = Out of Range

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