

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061319\
 Data File : VL033899.D
 Acq On : 13 Jun 2019 14:32
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 14 06:11:54 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	106	0.00
2 T	Dichlorodifluoromethane	1.623	1.263	22.2	98	0.00
3	Chlorodifluoromethane	1.177	1.138	3.3	109	0.00
4	Chloromethane	0.671	0.662	1.3	109	0.00
5 T	Vinyl Chloride	0.623	0.674	-8.2	112	0.00
6 T	Bromomethane	0.414	0.427	-3.1	109	0.00
7	Chloroethane	0.246	0.258	-4.9	114	0.00
8 T	Dichlorotetrafluoroethane	1.734	1.697	2.1	106	0.00
9 T	Propene	0.440	0.492	-11.8	116	0.00
10 T	Heptane	1.113	1.342	-20.6	114	0.00
11 T	Trichlorofluoromethane	2.094	2.086	0.4	108	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.415	1.399	1.1	107	0.00
13	Ethanol	0.143	0.126	11.9	123	0.00
14 T	Bromoethene	0.527	0.580	-10.1	111	0.00
15 T	Acetone	1.458	1.295	11.2	111	0.00
16 T	1,3-Butadiene	0.555	0.573	-3.2	107	0.00
17	tert-Butyl alcohol	1.140	1.379	-21.0	111	0.00
18 T	1,1-Dichloroethene	0.598	0.633	-5.9	110	0.00
19 T	Isopropyl Alcohol	0.833	1.041	-25.0	117	0.00
20 T	Methylene Chloride	0.569	0.520	8.6	108	0.00
21 T	Allyl Chloride	0.828	0.912	-10.1	111	0.00
22 T	trans-1,2-Dichloroethene	0.630	0.654	-3.8	108	0.00
23 T	Vinyl Acetate	1.695	1.898	-12.0	110	0.00
24 T	1,1-Dichloroethane	1.319	1.353	-2.6	109	0.00
25 T	Ethyl Acetate	2.221	2.288	-3.0	108	0.00
26 T	Hexane	1.011	1.001	1.0	108	0.00
27 T	Carbon Disulfide	1.405	1.596	-13.6	110	0.00
28 T	Methyl tert-Butyl Ether	1.529	1.808	-18.2	110	0.00
29 T	Chloroform	1.732	1.744	-0.7	108	0.00
30 T	Cyclohexane	0.715	0.902	-26.2	116	0.00
31 T	cis-1,2-Dichloroethene	0.887	1.058	-19.3	112	0.00
32 T	1,1,1-Trichloroethane	1.671	1.823	-9.1	106	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	115	0.00
34 T	2-Butanone	0.564	0.590	-4.6	110	0.00
35 T	Carbon Tetrachloride	0.773	0.827	-7.0	114	0.00
36 T	Benzene	0.764	0.887	-16.1	120	0.00
37 T	1,2-Dichloroethane	0.565	0.537	5.0	105	0.00
38 T	Trichloroethene	0.297	0.373	-25.6	115	0.00
39 T	1,2-Dichloropropane	0.295	0.332	-12.5	118	0.00
40 T	1,4-Dioxane	0.120	0.153	-27.5	122	0.00
41 T	Tetrahydrofuran	0.286	0.333	-16.4	114	0.00
42 T	Bromodichloromethane	0.755	0.830	-9.9	117	0.00
43	Methyl Methacrylate	0.286	0.356	-24.5	117	0.00
44 T	2,2,4-Trimethylpentane	1.358	1.492	-9.9	116	0.00
45 T	t-1,3-Dichloropropene	0.375	0.470	-25.3	110	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.429	0.525	-22.4	110	0.00
47 T	1,1,2-Trichloroethane	0.351	0.353	-0.6	107	0.00
48 T	Dibromochloromethane	0.632	0.672	-6.3	107	0.00
49 T	Bromoform	0.558	0.610	-9.3	106	0.00
50 T	4-Methyl-2-Pentanone	0.841	0.896	-6.5	107	0.00
51 T	2-Hexanone	0.657	0.729	-11.0	105	0.00
52 T	Tetrachloroethene	0.269	0.322	-19.7	107	0.00
53 T	Toluene	0.845	0.980	-16.0	107	0.00
54 T	1,2-Dibromoethane	0.530	0.559	-5.5	107	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	115	0.00
56	1,1,1,2-Tetrachloroethane	0.437	0.423	3.2	110	0.00
57 T	Chlorobenzene	0.749	0.730	2.5	110	0.00
58 T	Ethyl Benzene	1.127	1.215	-7.8	105	0.00
59 T	m/p-Xylene	1.025	1.024	0.1	103	0.00
60 T	o-Xylene	1.059	1.039	1.9	100	0.00
61 T	Styrene	0.685	0.785	-14.6	105	0.00
62	Isopropylbenzene	1.427	1.433	-0.4	103	0.00
63 T	1,1,2,2-Tetrachloroethane	0.797	0.741	7.0	101	0.00
64	n-propylbenzene	0.365	0.369	-1.1	103	0.00
65	tert-Butylbenzene	1.320	1.312	0.6	102	0.00
66 T	Benzyl Chloride	0.669	0.756	-13.0	104	0.00
67	sec-Butylbenzene	1.852	1.840	0.6	102	0.00
68 S	1-Bromo-4-Fluorobenzene	0.821	0.719	12.4	104	0.00
69	p-Isopropyltoluene	1.541	1.571	-1.9	103	0.00
70	n-Butylbenzene	1.688	1.652	2.1	102	0.00
71	2-Chlorotoluene	1.051	1.112	-5.8	106	0.00
72 T	4-Ethyltoluene	1.205	1.249	-3.7	101	0.00
73 T	1,3,5-Trimethylbenzene	1.187	1.187	0.0	101	0.00
74 T	1,2,4-Trimethylbenzene	1.368	1.291	5.6	102	0.00
75 T	1,3-Dichlorobenzene	0.856	0.763	10.9	102	0.00
76 T	1,4-Dichlorobenzene	0.786	0.757	3.7	103	0.00
77 T	1,2-Dichlorobenzene	0.790	0.737	6.7	102	0.00
78 T	Hexachloro-1,3-Butadiene	0.617	0.491	20.4	104	0.00
79 T	Naphthalene	1.093	1.137	-4.0	102	0.00
80 T	Naphthalene,2-methyl-	0.436	0.430	1.4	108	0.00
81 T	1,2,4-Trichlorobenzene	0.690	0.673	2.5	102	0.00

(#) = Out of Range

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