

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL052919\
 Data File : VL033872.D
 Acq On : 30 May 2019 16:00
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 31 08:20:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 17 08:15:41 2019
 QLast Update : Fri May 17 08:15:41 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	70	0.00
2 T	Dichlorodifluoromethane	2.107	1.777	15.7	69	0.00
3	Chlorodifluoromethane	1.145	1.366	-19.3	89	0.00
4	Chloromethane	0.655	0.789	-20.5	88	0.00
5 T	Vinyl Chloride	0.667	0.790	-18.4	90	0.00
6 T	Bromomethane	0.407	0.501	-23.1	88	0.00
7	Chloroethane	0.237	0.297	-25.3	91	0.00
8 T	Dichlorotetrafluoroethane	1.699	2.085	-22.7	92	0.00
9 T	Propene	0.487	0.581	-19.3	84	0.00
10 T	Heptane	1.380	1.492	-8.1	77	0.00
11 T	Trichlorofluoromethane	2.011	2.461	-22.4	87	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.405	1.672	-19.0	86	0.00
13	Ethanol	0.157	0.135	14.0	76	0.00
14 T	Bromoethene	0.516	0.659	-27.7	93	0.00
15 T	Acetone	1.387	1.527	-10.1	85	0.00
16 T	1,3-Butadiene	0.553	0.707	-27.8	92	0.00
17	tert-Butyl alcohol	1.122	1.489	-32.7#	90	0.00
18 T	1,1-Dichloroethene	0.593	0.729	-22.9	85	0.00
19 T	Isopropyl Alcohol	0.895	1.116	-24.7	85	0.00
20 T	Methylene Chloride	0.534	0.619	-15.9	88	0.00
21 T	Allyl Chloride	0.865	1.048	-21.2	82	0.00
22 T	trans-1,2-Dichloroethene	0.608	0.745	-22.5	90	0.00
23 T	Vinyl Acetate	1.829	2.164	-18.3	81	0.00
24 T	1,1-Dichloroethane	1.391	1.564	-12.4	85	0.00
25 T	Ethyl Acetate	2.437	2.704	-11.0	81	0.00
26 T	Hexane	1.048	1.178	-12.4	80	0.00
27 T	Carbon Disulfide	1.438	1.831	-27.3	84	0.00
28 T	Methyl tert-Butyl Ether	1.708	2.047	-19.8	84	0.00
29 T	Chloroform	1.930	2.060	-6.7	82	0.00
30 T	Cyclohexane	0.881	0.960	-9.0	75	0.00
31 T	cis-1,2-Dichloroethene	1.039	1.203	-15.8	84	0.00
32 T	1,1,1-Trichloroethane	1.927	2.171	-12.7	82	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	67	0.00
34 T	2-Butanone	0.620	0.757	-22.1	81	0.00
35 T	Carbon Tetrachloride	0.801	1.023	-27.7	83	0.00
36 T	Benzene	0.910	1.042	-14.5	75	0.00
37 T	1,2-Dichloroethane	0.587	0.711	-21.1	83	0.00
38 T	Trichloroethene	0.338	0.442	-30.8#	81	0.00
39 T	1,2-Dichloropropane	0.339	0.393	-15.9	76	0.00
40 T	1,4-Dioxane	0.142	0.167	-17.6	77	0.00
41 T	Tetrahydrofuran	0.347	0.409	-17.9	73	0.00
42 T	Bromodichloromethane	0.803	0.987	-22.9	81	0.00
43	Methyl Methacrylate	0.335	0.423	-26.3	77	0.00
44 T	2,2,4-Trimethylpentane	1.537	1.808	-17.6	78	0.00
45 T	t-1,3-Dichloropropene	0.424	0.580	-36.8#	76	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.497	0.653	-31.4#	75	0.00
47 T	1,1,2-Trichloroethane	0.385	0.450	-16.9	78	0.00
48 T	Dibromochloromethane	0.668	0.858	-28.4	79	0.00
49 T	Bromoform	0.562	0.767	-36.5#	85	0.00
50 T	4-Methyl-2-Pentanone	0.953	1.158	-21.5	76	0.00
51 T	2-Hexanone	0.744	0.952	-28.0	76	0.00
52 T	Tetrachloroethene	0.320	0.408	-27.5	77	0.00
53 T	Toluene	0.981	1.242	-26.6	76	0.00
54 T	1,2-Dibromoethane	0.588	0.711	-20.9	77	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	73	0.00
56	1,1,1,2-Tetrachloroethane	0.463	0.544	-17.5	86	0.00
57 T	Chlorobenzene	0.823	0.928	-12.8	84	0.00
58 T	Ethyl Benzene	1.324	1.625	-22.7	82	0.00
59 T	m/p-Xylene	1.158	1.384	-19.5	83	0.00
60 T	o-Xylene	1.167	1.406	-20.5	85	0.00
61 T	Styrene	0.786	1.013	-28.9	81	0.00
62	Isopropylbenzene	1.572	1.865	-18.6	83	0.00
63 T	1,1,2,2-Tetrachloroethane	0.849	0.988	-16.4	87	0.00
64	n-propylbenzene	0.407	0.496	-21.9	85	0.00
65	tert-Butylbenzene	1.435	1.776	-23.8	86	0.00
66 T	Benzyl Chloride	0.683	0.913	-33.7#	79	0.00
67	sec-Butylbenzene	2.008	2.458	-22.4	86	0.00
68 S	1-Bromo-4-Fluorobenzene	0.811	0.802	1.1	72	0.00
69	p-Isopropyltoluene	1.660	2.063	-24.3	85	0.00
70	n-Butylbenzene	1.780	2.146	-20.6	84	0.00
71	2-Chlorotoluene	1.166	1.431	-22.7	84	0.00
72 T	4-Ethyltoluene	1.334	1.684	-26.2	85	0.00
73 T	1,3,5-Trimethylbenzene	1.302	1.616	-24.1	86	0.00
74 T	1,2,4-Trimethylbenzene	1.417	1.711	-20.7	86	0.00
75 T	1,3-Dichlorobenzene	0.868	0.989	-13.9	85	0.00
76 T	1,4-Dichlorobenzene	0.825	0.971	-17.7	84	0.00
77 T	1,2-Dichlorobenzene	0.816	0.938	-15.0	84	0.00
78 T	Hexachloro-1,3-Butadiene	0.617	0.662	-7.3	86	0.00
79 T	Naphthalene	1.316	1.220	7.3	59	0.00
80 T	Naphthalene,2-methyl-	0.500	0.459	8.2	50	0.00
81 T	1,2,4-Trichlorobenzene	0.771	0.724	6.1	65	-0.01

(#) = Out of Range

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