

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL052819\
 Data File : VL033811.D
 Acq On : 28 May 2019 19:13
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 29 08:52:58 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	86	0.00
2 T	Dichlorodifluoromethane	2.107	1.739	17.5	83	0.00
3	Chlorodifluoromethane	1.145	1.092	4.6	87	0.00
4	Chloromethane	0.655	0.657	-0.3	90	0.00
5 T	Vinyl Chloride	0.667	0.655	1.8	91	0.00
6 T	Bromomethane	0.407	0.409	-0.5	87	0.00
7	Chloroethane	0.237	0.240	-1.3	90	0.00
8 T	Dichlorotetrafluoroethane	1.699	1.638	3.6	89	0.00
9 T	Propene	0.487	0.518	-6.4	92	0.00
10 T	Heptane	1.380	1.351	2.1	86	0.00
11 T	Trichlorofluoromethane	2.011	1.807	10.1	78	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.405	1.265	10.0	79	0.00
13	Ethanol	0.157	0.085	45.9#	59	0.00
14 T	Bromoethene	0.516	0.540	-4.7	93	0.00
15 T	Acetone	1.387	1.146	17.4	78	0.00
16 T	1,3-Butadiene	0.553	0.573	-3.6	92	0.00
17	tert-Butyl alcohol	1.122	1.001	10.8	74	0.00
18 T	1,1-Dichloroethene	0.593	0.559	5.7	80	0.00
19 T	Isopropyl Alcohol	0.895	0.679	24.1	63	0.00
20 T	Methylene Chloride	0.534	0.473	11.4	82	0.00
21 T	Allyl Chloride	0.865	0.804	7.1	77	0.00
22 T	trans-1,2-Dichloroethene	0.608	0.563	7.4	84	0.00
23 T	Vinyl Acetate	1.829	1.917	-4.8	88	0.00
24 T	1,1-Dichloroethane	1.391	1.325	4.7	88	0.00
25 T	Ethyl Acetate	2.437	2.362	3.1	86	0.00
26 T	Hexane	1.048	1.059	-1.0	88	0.00
27 T	Carbon Disulfide	1.438	1.379	4.1	78	0.00
28 T	Methyl tert-Butyl Ether	1.708	1.798	-5.3	91	0.00
29 T	Chloroform	1.930	1.764	8.6	86	0.00
30 T	Cyclohexane	0.881	0.932	-5.8	89	0.00
31 T	cis-1,2-Dichloroethene	1.039	1.072	-3.2	92	0.00
32 T	1,1,1-Trichloroethane	1.927	1.780	7.6	82	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
34 T	2-Butanone	0.620	0.603	2.7	89	0.00
35 T	Carbon Tetrachloride	0.801	0.732	8.6	82	0.00
36 T	Benzene	0.910	0.850	6.6	84	0.00
37 T	1,2-Dichloroethane	0.587	0.508	13.5	81	0.00
38 T	Trichloroethene	0.338	0.377	-11.5	95	0.00
39 T	1,2-Dichloropropane	0.339	0.346	-2.1	93	0.00
40 T	1,4-Dioxane	0.142	0.124	12.7	78	0.00
41 T	Tetrahydrofuran	0.347	0.338	2.6	83	0.00
42 T	Bromodichloromethane	0.803	0.803	0.0	91	0.00
43	Methyl Methacrylate	0.335	0.353	-5.4	89	0.00
44 T	2,2,4-Trimethylpentane	1.537	1.523	0.9	90	0.00
45 T	t-1,3-Dichloropropene	0.424	0.454	-7.1	82	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.497	0.519	-4.4	82	0.00
47 T	1,1,2-Trichloroethane	0.385	0.366	4.9	87	0.00
48 T	Dibromochloromethane	0.668	0.636	4.8	81	0.00
49 T	Bromoform	0.562	0.628	-11.7	96	0.00
50 T	4-Methyl-2-Pentanone	0.953	0.903	5.2	82	0.00
51 T	2-Hexanone	0.744	0.738	0.8	81	0.00
52 T	Tetrachloroethene	0.320	0.330	-3.1	85	0.00
53 T	Toluene	0.981	1.010	-3.0	85	0.00
54 T	1,2-Dibromoethane	0.588	0.565	3.9	85	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
56	1,1,1,2-Tetrachloroethane	0.463	0.427	7.8	89	0.00
57 T	Chlorobenzene	0.823	0.757	8.0	90	0.00
58 T	Ethyl Benzene	1.324	1.386	-4.7	92	0.00
59 T	m/p-Xylene	1.158	1.204	-4.0	95	0.00
60 T	o-Xylene	1.167	1.152	1.3	91	0.00
61 T	Styrene	0.786	0.883	-12.3	93	0.00
62	Isopropylbenzene	1.572	1.534	2.4	90	0.00
63 T	1,1,2,2-Tetrachloroethane	0.849	0.806	5.1	93	0.00
64	n-propylbenzene	0.407	0.409	-0.5	92	0.00
65	tert-Butylbenzene	1.435	1.427	0.6	91	0.00
66 T	Benzyl Chloride	0.683	0.729	-6.7	83	0.00
67	sec-Butylbenzene	2.008	1.983	1.2	91	0.00
68 S	1-Bromo-4-Fluorobenzene	0.811	0.767	5.4	91	0.00
69	p-Isopropyltoluene	1.660	1.663	-0.2	90	0.00
70	n-Butylbenzene	1.780	1.787	-0.4	92	0.00
71	2-Chlorotoluene	1.166	1.164	0.2	90	0.00
72 T	4-Ethyltoluene	1.334	1.365	-2.3	91	0.00
73 T	1,3,5-Trimethylbenzene	1.302	1.295	0.5	91	0.00
74 T	1,2,4-Trimethylbenzene	1.417	1.357	4.2	90	0.00
75 T	1,3-Dichlorobenzene	0.868	0.796	8.3	90	0.00
76 T	1,4-Dichlorobenzene	0.825	0.795	3.6	90	0.00
77 T	1,2-Dichlorobenzene	0.816	0.767	6.0	90	0.00
78 T	Hexachloro-1,3-Butadiene	0.617	0.437	29.2	75	0.00
79 T	Naphthalene	1.316	1.099	16.5	70	0.00
80 T	Naphthalene,2-methyl-	0.500	0.401	19.8	58	0.00
81 T	1,2,4-Trichlorobenzene	0.771	0.631	18.2	75	0.00

(#) = Out of Range

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