

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL052919\
 Data File : VL033840.D
 Acq On : 29 May 2019 16:31
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 30 02:18:04 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	72	0.00
2 T	Dichlorodifluoromethane	2.107	1.577	25.2	63	0.00
3	Chlorodifluoromethane	1.145	1.254	-9.5	83	0.00
4	Chloromethane	0.655	0.722	-10.2	83	0.00
5 T	Vinyl Chloride	0.667	0.730	-9.4	85	0.00
6 T	Bromomethane	0.407	0.450	-10.6	80	0.00
7	Chloroethane	0.237	0.270	-13.9	85	0.00
8 T	Dichlorotetrafluoroethane	1.699	1.860	-9.5	84	0.00
9 T	Propene	0.487	0.551	-13.1	82	0.00
10 T	Heptane	1.380	1.403	-1.7	75	0.00
11 T	Trichlorofluoromethane	2.011	2.122	-5.5	77	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.405	1.449	-3.1	76	0.00
13	Ethanol	0.157	0.125	20.4	72	0.00
14 T	Bromoethene	0.516	0.600	-16.3	86	0.00
15 T	Acetone	1.387	1.315	5.2	75	0.00
16 T	1,3-Butadiene	0.553	0.646	-16.8	86	0.00
17	tert-Butyl alcohol	1.122	1.335	-19.0	82	0.00
18 T	1,1-Dichloroethene	0.593	0.636	-7.3	76	0.00
19 T	Isopropyl Alcohol	0.895	1.001	-11.8	78	0.00
20 T	Methylene Chloride	0.534	0.544	-1.9	79	0.00
21 T	Allyl Chloride	0.865	0.931	-7.6	75	0.00
22 T	trans-1,2-Dichloroethene	0.608	0.663	-9.0	82	0.00
23 T	Vinyl Acetate	1.829	2.074	-13.4	79	0.00
24 T	1,1-Dichloroethane	1.391	1.458	-4.8	81	0.00
25 T	Ethyl Acetate	2.437	2.489	-2.1	76	0.00
26 T	Hexane	1.048	1.093	-4.3	76	0.00
27 T	Carbon Disulfide	1.438	1.583	-10.1	74	0.00
28 T	Methyl tert-Butyl Ether	1.708	1.937	-13.4	82	0.00
29 T	Chloroform	1.930	1.907	1.2	78	0.00
30 T	Cyclohexane	0.881	0.937	-6.4	75	0.00
31 T	cis-1,2-Dichloroethene	1.039	1.130	-8.8	81	0.00
32 T	1,1,1-Trichloroethane	1.927	2.039	-5.8	79	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	75	0.00
34 T	2-Butanone	0.620	0.660	-6.5	79	0.00
35 T	Carbon Tetrachloride	0.801	0.860	-7.4	78	0.00
36 T	Benzene	0.910	0.969	-6.5	78	0.00
37 T	1,2-Dichloroethane	0.587	0.592	-0.9	77	0.00
38 T	Trichloroethene	0.338	0.375	-10.9	77	0.00
39 T	1,2-Dichloropropane	0.339	0.351	-3.5	76	0.00
40 T	1,4-Dioxane	0.142	0.139	2.1	71	0.00
41 T	Tetrahydrofuran	0.347	0.377	-8.6	76	0.00
42 T	Bromodichloromethane	0.803	0.834	-3.9	77	0.00
43	Methyl Methacrylate	0.335	0.367	-9.6	75	0.00
44 T	2,2,4-Trimethylpentane	1.537	1.561	-1.6	75	0.00
45 T	t-1,3-Dichloropropene	0.424	0.492	-16.0	72	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.497	0.560	-12.7	72	0.00
47 T	1,1,2-Trichloroethane	0.385	0.382	0.8	74	0.00
48 T	Dibromochloromethane	0.668	0.710	-6.3	74	0.00
49 T	Bromoform	0.562	0.662	-17.8	82	0.00
50 T	4-Methyl-2-Pentanone	0.953	0.989	-3.8	73	0.00
51 T	2-Hexanone	0.744	0.822	-10.5	74	0.00
52 T	Tetrachloroethene	0.320	0.363	-13.4	76	0.00
53 T	Toluene	0.981	1.080	-10.1	74	0.00
54 T	1,2-Dibromoethane	0.588	0.611	-3.9	74	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
56	1,1,1,2-Tetrachloroethane	0.463	0.451	2.6	80	0.00
57 T	Chlorobenzene	0.823	0.799	2.9	81	0.00
58 T	Ethyl Benzene	1.324	1.453	-9.7	82	0.00
59 T	m/p-Xylene	1.158	1.204	-4.0	81	0.00
60 T	o-Xylene	1.167	1.204	-3.2	81	0.00
61 T	Styrene	0.786	0.901	-14.6	81	0.00
62	Isopropylbenzene	1.572	1.614	-2.7	81	0.00
63 T	1,1,2,2-Tetrachloroethane	0.849	0.846	0.4	84	0.00
64	n-propylbenzene	0.407	0.422	-3.7	81	0.00
65	tert-Butylbenzene	1.435	1.456	-1.5	79	0.00
66 T	Benzyl Chloride	0.683	0.729	-6.7	71	0.00
67	sec-Butylbenzene	2.008	2.027	-0.9	80	0.00
68 S	1-Bromo-4-Fluorobenzene	0.811	0.766	5.5	78	0.00
69	p-Isopropyltoluene	1.660	1.722	-3.7	79	0.00
70	n-Butylbenzene	1.780	1.805	-1.4	80	0.00
71	2-Chlorotoluene	1.166	1.219	-4.5	81	0.00
72 T	4-Ethyltoluene	1.334	1.447	-8.5	82	0.00
73 T	1,3,5-Trimethylbenzene	1.302	1.379	-5.9	83	0.00
74 T	1,2,4-Trimethylbenzene	1.417	1.399	1.3	79	0.00
75 T	1,3-Dichlorobenzene	0.868	0.806	7.1	78	0.00
76 T	1,4-Dichlorobenzene	0.825	0.801	2.9	78	0.00
77 T	1,2-Dichlorobenzene	0.816	0.794	2.7	80	0.00
78 T	Hexachloro-1,3-Butadiene	0.617	0.454	26.4	66	0.00
79 T	Naphthalene	1.316	1.098	16.6	60	0.00
80 T	Naphthalene,2-methyl-	0.500	0.397	20.6	49	0.00
81 T	1,2,4-Trichlorobenzene	0.771	0.642	16.7	65	0.00

(#) = Out of Range

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