

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030620\
 Data File : VL034819.D
 Acq On : 6 Mar 2020 15:57
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 06 18:51:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030420AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
 QLast Update : Wed Mar 04 06:36:39 2020
 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	77	-0.01
2 T	Dichlorodifluoromethane	1.632	1.053	35.5#	67	0.00
3	Chlorodifluoromethane	1.139	0.966	15.2	74	0.00
4	Chloromethane	0.614	0.578	5.9	80	0.00
5 T	Vinyl Chloride	0.648	0.533	17.7	76	0.00
6 T	Bromomethane	0.354	0.307	13.3	74	0.00
7	Chloroethane	0.224	0.195	12.9	74	0.00
8 T	Dichlorotetrafluoroethane	1.418	1.166	17.8	73	0.00
9 T	Propene	0.448	0.492	-9.8	88	0.00
10 T	Heptane	1.140	1.242	-8.9	83	-0.02
11 T	Trichlorofluoromethane	1.460	1.194	18.2	73	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.008	0.854	15.3	76	0.00
13	Ethanol	0.154	0.130	15.6	80	-0.01
14 T	Bromoethene	0.413	0.384	7.0	76	0.00
15 T	Acetone	1.197	1.066	10.9	83	0.00
16 T	1,3-Butadiene	0.542	0.518	4.4	77	0.00
17	tert-Butyl alcohol	0.944	1.201	-27.2	94	-0.01
18 T	1,1-Dichloroethene	0.444	0.398	10.4	77	0.00
19 T	Isopropyl Alcohol	0.717	0.777	-8.4	79	0.00
20 T	Methylene Chloride	0.427	0.344	19.4	76	0.00
21 T	Allyl Chloride	0.758	0.743	2.0	82	-0.01
22 T	trans-1,2-Dichloroethene	0.434	0.401	7.6	81	-0.01
23 T	Vinyl Acetate	1.606	1.797	-11.9	86	-0.01
24 T	1,1-Dichloroethane	1.246	1.095	12.1	74	-0.01
25 T	Ethyl Acetate	2.069	2.023	2.2	80	-0.02
26 T	Hexane	0.904	0.880	2.7	78	0.00
27 T	Carbon Disulfide	1.056	1.063	-0.7	81	0.00
28 T	Methyl tert-Butyl Ether	1.346	1.463	-8.7	87	0.00
29 T	Chloroform	1.522	1.263	17.0	71	-0.01
30 T	Cyclohexane	0.692	0.762	-10.1	81	-0.01
31 T	cis-1,2-Dichloroethene	0.927	0.902	2.7	76	-0.02
32 T	1,1,1-Trichloroethane	1.504	1.270	15.6	73	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	-0.01
34 T	2-Butanone	0.651	0.598	8.1	82	0.00
35 T	Carbon Tetrachloride	0.755	0.573	24.1	75	-0.01
36 T	Benzene	0.855	0.780	8.8	81	-0.01
37 T	1,2-Dichloroethane	0.584	0.425	27.2	68	-0.02
38 T	Trichloroethene	0.333	0.301	9.6	83	-0.01
39 T	1,2-Dichloropropane	0.345	0.311	9.9	81	-0.01
40 T	1,4-Dioxane	0.119	0.107	10.1	75	-0.02
41 T	Tetrahydrofuran	0.332	0.348	-4.8	88	-0.01
42 T	Bromodichloromethane	0.739	0.604	18.3	71	-0.01
43	Methyl Methacrylate	0.362	0.347	4.1	78	-0.01
44 T	2,2,4-Trimethylpentane	1.493	1.336	10.5	79	-0.02
45 T	t-1,3-Dichloropropene	0.380	0.433	-13.9	84	-0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.464	0.501	-8.0	83	-0.02
47 T	1,1,2-Trichloroethane	0.364	0.308	15.4	77	-0.01
48 T	Dibromochloromethane	0.569	0.534	6.2	79	-0.02
49 T	Bromoform	0.497	0.479	3.6	79	-0.02
50 T	4-Methyl-2-Pentanone	0.932	0.861	7.6	79	-0.01
51 T	2-Hexanone	0.731	0.721	1.4	80	-0.01
52 T	Tetrachloroethene	0.316	0.291	7.9	85	-0.02
53 T	Toluene	0.904	0.903	0.1	81	-0.01
54 T	1,2-Dibromoethane	0.538	0.470	12.6	76	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	82	-0.02
56	1,1,1,2-Tetrachloroethane	0.443	0.389	12.2	78	-0.01
57 T	Chlorobenzene	0.764	0.643	15.8	79	-0.02
58 T	Ethyl Benzene	1.232	1.158	6.0	78	-0.02
59 T	m/p-Xylene	1.067	0.938	12.1	77	-0.04
60 T	o-Xylene	1.079	0.892	17.3	73	-0.02
61 T	Styrene	0.670	0.702	-4.8	80	-0.02
62	Isopropylbenzene	1.589	1.380	13.2	78	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.851	0.601	29.4	69	-0.01
64	n-propylbenzene	0.398	0.366	8.0	78	-0.01
65	tert-Butylbenzene	1.342	1.202	10.4	77	-0.02
66 T	Benzyl Chloride	0.434	0.659	-51.8#	105	-0.02
67	sec-Butylbenzene	1.956	1.683	14.0	75	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.834	0.769	7.8	79	-0.02
69	p-Isopropyltoluene	1.583	1.444	8.8	78	-0.02
70	n-Butylbenzene	1.731	1.463	15.5	73	-0.02
71	2-Chlorotoluene	1.200	1.028	14.3	72	-0.02
72 T	4-Ethyltoluene	1.202	1.118	7.0	78	-0.02
73 T	1,3,5-Trimethylbenzene	1.153	1.031	10.6	75	-0.02
74 T	1,2,4-Trimethylbenzene	1.253	1.049	16.3	74	-0.02
75 T	1,3-Dichlorobenzene	0.742	0.634	14.6	78	-0.02
76 T	1,4-Dichlorobenzene	0.710	0.642	9.6	79	-0.02
77 T	1,2-Dichlorobenzene	0.710	0.627	11.7	79	-0.02
78 T	Hexachloro-1,3-Butadiene	0.592	0.557	5.9	91	-0.02
79 T	Naphthalene	0.942	1.157	-22.8	85	-0.02
80 T	Naphthalene,2-methyl-	0.225	0.329	-46.2#	88	-0.01
81 T	1,2,4-Trichlorobenzene	0.595	0.669	-12.4	85	-0.02

(#) = Out of Range

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