

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL031620\
 Data File : VL034885.D
 Acq On : 16 Mar 2020 10:17
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 17 04:32:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 09 16:42:53 2020
 QLast Update : Mon Mar 09 16:42:53 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	106	0.00
2 T	Dichlorodifluoromethane	1.369	1.090	20.4	110	0.00
3	Chlorodifluoromethane	1.117	1.076	3.7	112	0.00
4	Chloromethane	0.631	0.614	2.7	111	0.00
5 T	Vinyl Chloride	0.607	0.604	0.5	112	0.00
6 T	Bromomethane	0.353	0.357	-1.1	115	0.00
7	Chloroethane	0.219	0.223	-1.8	117	0.00
8 T	Dichlorotetrafluoroethane	1.422	1.353	4.9	112	0.00
9 T	Propene	0.533	0.488	8.4	107	0.00
10 T	Heptane	1.313	1.335	-1.7	113	0.00
11 T	Trichlorofluoromethane	1.457	1.396	4.2	114	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.020	0.978	4.1	113	0.00
13	Ethanol	0.162	0.123	24.1	105	0.00
14 T	Bromoethene	0.440	0.430	2.3	110	0.00
15 T	Acetone	1.296	1.123	13.3	115	0.00
16 T	1,3-Butadiene	0.586	0.564	3.8	110	0.00
17	tert-Butyl alcohol	1.249	0.991	20.7	96	0.00
18 T	1,1-Dichloroethene	0.452	0.442	2.2	112	0.00
19 T	Isopropyl Alcohol	0.818	0.671	18.0	99	0.00
20 T	Methylene Chloride	0.410	0.387	5.6	112	0.00
21 T	Allyl Chloride	0.832	0.778	6.5	107	0.00
22 T	trans-1,2-Dichloroethene	0.458	0.437	4.6	110	0.00
23 T	Vinyl Acetate	1.915	1.769	7.6	104	0.00
24 T	1,1-Dichloroethane	1.283	1.239	3.4	111	0.00
25 T	Ethyl Acetate	2.309	2.184	5.4	110	0.00
26 T	Hexane	0.994	0.966	2.8	111	0.00
27 T	Carbon Disulfide	1.128	1.164	-3.2	110	0.00
28 T	Methyl tert-Butyl Ether	1.654	1.499	9.4	102	0.00
29 T	Chloroform	1.517	1.498	1.3	116	0.00
30 T	Cyclohexane	0.830	0.824	0.7	110	0.00
31 T	cis-1,2-Dichloroethene	1.017	0.979	3.7	109	0.00
32 T	1,1,1-Trichloroethane	1.478	1.458	1.4	110	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
34 T	2-Butanone	0.665	0.672	-1.1	111	0.00
35 T	Carbon Tetrachloride	0.622	0.692	-11.3	110	0.00
36 T	Benzene	0.891	0.893	-0.2	108	0.00
37 T	1,2-Dichloroethane	0.503	0.541	-7.6	114	0.00
38 T	Trichloroethene	0.339	0.335	1.2	106	0.00
39 T	1,2-Dichloropropane	0.353	0.356	-0.8	109	0.00
40 T	1,4-Dioxane	0.133	0.117	12.0	101	0.00
41 T	Tetrahydrofuran	0.360	0.374	-3.9	106	0.00
42 T	Bromodichloromethane	0.685	0.747	-9.1	112	0.00
43	Methyl Methacrylate	0.376	0.404	-7.4	110	0.00
44 T	2,2,4-Trimethylpentane	1.506	1.568	-4.1	111	0.00
45 T	t-1,3-Dichloropropene	0.441	0.469	-6.3	103	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.524	0.550	-5.0	105	0.00
47 T	1,1,2-Trichloroethane	0.362	0.377	-4.1	110	0.00
48 T	Dibromochloromethane	0.587	0.624	-6.3	106	0.00
49 T	Bromoform	0.523	0.553	-5.7	101	-0.01
50 T	4-Methyl-2-Pentanone	0.957	1.021	-6.7	112	0.00
51 T	2-Hexanone	0.777	0.846	-8.9	111	0.00
52 T	Tetrachloroethene	0.353	0.323	8.5	103	0.00
53 T	Toluene	1.029	1.056	-2.6	108	0.00
54 T	1,2-Dibromoethane	0.546	0.571	-4.6	109	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
56	1,1,1,2-Tetrachloroethane	0.449	0.437	2.7	105	0.00
57 T	Chlorobenzene	0.782	0.735	6.0	107	0.00
58 T	Ethyl Benzene	1.354	1.355	-0.1	110	0.00
59 T	m/p-Xylene	1.135	1.104	2.7	110	0.00
60 T	o-Xylene	1.108	1.095	1.2	112	0.00
61 T	Styrene	0.777	0.800	-3.0	107	0.00
62	Isopropylbenzene	1.675	1.611	3.8	109	0.00
63 T	1,1,2,2-Tetrachloroethane	0.752	0.783	-4.1	115	0.00
64	n-propylbenzene	0.436	0.425	2.5	107	0.00
65	tert-Butylbenzene	1.464	1.407	3.9	108	0.00
66 T	Benzyl Chloride	0.611	0.581	4.9	93	0.00
67	sec-Butylbenzene	2.030	2.023	0.3	110	0.00
68 S	1-Bromo-4-Fluorobenzene	0.780	0.782	-0.3	103	0.00
69	p-Isopropyltoluene	1.702	1.681	1.2	107	0.00
70	n-Butylbenzene	1.737	1.807	-4.0	113	0.00
71	2-Chlorotoluene	1.268	1.266	0.2	112	0.00
72 T	4-Ethyltoluene	1.308	1.318	-0.8	110	0.00
73 T	1,3,5-Trimethylbenzene	1.225	1.237	-1.0	110	0.00
74 T	1,2,4-Trimethylbenzene	1.262	1.279	-1.3	111	0.00
75 T	1,3-Dichlorobenzene	0.761	0.740	2.8	110	0.00
76 T	1,4-Dichlorobenzene	0.759	0.733	3.4	107	0.00
77 T	1,2-Dichlorobenzene	0.737	0.713	3.3	106	-0.01
78 T	Hexachloro-1,3-Butadiene	0.616	0.590	4.2	105	0.00
79 T	Naphthalene	0.984	1.216	-23.6	105	0.00
80 T	Naphthalene,2-methyl-	0.257	0.493	-91.8#	95	0.00
81 T	1,2,4-Trichlorobenzene	0.625	0.689	-10.2	102	-0.01

(#) = Out of Range

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