

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL111919\
 Data File : VL034399.D
 Acq On : 20 Nov 2019 4:06
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 20 06:24:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 20 03:30:54 2019
 QLast Update : Wed Nov 20 03:30:54 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	92	0.00
2 T	Dichlorodifluoromethane	1.809	1.886	-4.3	100	0.00
3	Chlorodifluoromethane	1.248	1.131	9.4	94	0.00
4	Chloromethane	0.736	0.678	7.9	96	0.00
5 T	Vinyl Chloride	0.690	0.620	10.1	93	0.00
6 T	Bromomethane	0.347	0.332	4.3	93	0.00
7	Chloroethane	0.250	0.236	5.6	96	0.00
8 T	Dichlorotetrafluoroethane	1.625	1.449	10.8	93	0.00
9 T	Propene	0.554	0.506	8.7	94	0.00
10 T	Heptane	1.430	1.348	5.7	95	0.00
11 T	Trichlorofluoromethane	1.800	1.636	9.1	95	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.196	1.086	9.2	95	0.00
13	Ethanol	0.154	0.119	22.7	94	0.00
14 T	Bromoethene	0.486	0.461	5.1	93	0.00
15 T	Acetone	1.432	1.271	11.2	101	0.00
16 T	1,3-Butadiene	0.624	0.590	5.4	93	0.00
17	tert-Butyl alcohol	1.204	1.123	6.7	90	0.00
18 T	1,1-Dichloroethene	0.523	0.492	5.9	95	0.00
19 T	Isopropyl Alcohol	0.918	0.938	-2.2	94	0.00
20 T	Methylene Chloride	0.508	0.414	18.5	90	0.00
21 T	Allyl Chloride	0.858	0.844	1.6	96	0.00
22 T	trans-1,2-Dichloroethene	0.527	0.500	5.1	94	0.00
23 T	Vinyl Acetate	1.871	1.833	2.0	97	0.00
24 T	1,1-Dichloroethane	1.437	1.311	8.8	94	0.00
25 T	Ethyl Acetate	2.555	2.319	9.2	94	0.00
26 T	Hexane	1.098	0.971	11.6	92	0.00
27 T	Carbon Disulfide	1.196	1.245	-4.1	92	0.00
28 T	Methyl tert-Butyl Ether	1.821	1.668	8.4	90	0.00
29 T	Chloroform	1.778	1.625	8.6	93	0.00
30 T	Cyclohexane	0.830	0.789	4.9	91	0.00
31 T	cis-1,2-Dichloroethene	1.135	1.069	5.8	91	0.00
32 T	1,1,1-Trichloroethane	1.667	1.599	4.1	91	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
34 T	2-Butanone	0.823	0.790	4.0	95	0.00
35 T	Carbon Tetrachloride	0.860	0.856	0.5	93	0.00
36 T	Benzene	1.000	0.946	5.4	91	0.00
37 T	1,2-Dichloroethane	0.743	0.704	5.2	92	0.00
38 T	Trichloroethene	0.410	0.371	9.5	89	0.00
39 T	1,2-Dichloropropane	0.385	0.400	-3.9	92	0.00
40 T	1,4-Dioxane	0.168	0.165	1.8	98	0.00
41 T	Tetrahydrofuran	0.462	0.448	3.0	93	0.00
42 T	Bromodichloromethane	0.929	0.903	2.8	91	0.00
43	Methyl Methacrylate	0.415	0.412	0.7	93	0.00
44 T	2,2,4-Trimethylpentane	1.827	1.726	5.5	94	0.00
45 T	t-1,3-Dichloropropene	0.532	0.571	-7.3	90	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.597	0.628	-5.2	90	0.00
47 T	1,1,2-Trichloroethane	0.428	0.402	6.1	90	0.00
48 T	Dibromochloromethane	0.736	0.736	0.0	90	0.00
49 T	Bromoform	0.657	0.643	2.1	86	0.00
50 T	4-Methyl-2-Pentanone	1.191	1.172	1.6	95	0.00
51 T	2-Hexanone	0.998	0.982	1.6	94	0.00
52 T	Tetrachloroethene	0.433	0.360	16.9	89	0.00
53 T	Toluene	1.135	1.105	2.6	91	0.00
54 T	1,2-Dibromoethane	0.657	0.615	6.4	89	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
56	1,1,1,2-Tetrachloroethane	0.489	0.445	9.0	89	0.00
57 T	Chlorobenzene	0.904	0.774	14.4	90	0.00
58 T	Ethyl Benzene	1.552	1.396	10.1	90	0.00
59 T	m/p-Xylene	1.341	1.149	14.3	88	0.00
60 T	o-Xylene	1.326	1.154	13.0	90	0.00
61 T	Styrene	0.956	0.859	10.1	88	0.00
62	Isopropylbenzene	1.754	1.503	14.3	89	0.00
63 T	1,1,2,2-Tetrachloroethane	0.997	0.782	21.6	87	0.00
64	n-propylbenzene	0.456	0.382	16.2	86	0.00
65	tert-Butylbenzene	1.576	1.313	16.7	88	0.00
66 T	Benzyl Chloride	0.606	0.607	-0.2	84	0.00
67	sec-Butylbenzene	2.204	1.837	16.7	89	0.00
68 S	1-Bromo-4-Fluorobenzene	0.841	0.826	1.8	91	0.00
69	p-Isopropyltoluene	1.829	1.527	16.5	89	0.00
70	n-Butylbenzene	1.968	1.661	15.6	91	0.00
71	2-Chlorotoluene	1.399	1.173	16.2	88	0.00
72 T	4-Ethyltoluene	1.533	1.320	13.9	89	0.00
73 T	1,3,5-Trimethylbenzene	1.500	1.252	16.5	87	0.00
74 T	1,2,4-Trimethylbenzene	1.593	1.306	18.0	90	0.00
75 T	1,3-Dichlorobenzene	0.916	0.736	19.7	88	0.00
76 T	1,4-Dichlorobenzene	0.889	0.734	17.4	88	0.00
77 T	1,2-Dichlorobenzene	0.885	0.714	19.3	88	0.00
78 T	Hexachloro-1,3-Butadiene	0.760	0.746	1.8	110	0.00
79 T	Naphthalene	1.381	1.381	0.0	106	0.00
80 T	Naphthalene,2-methyl-	0.624	0.705	-13.0	97	0.00
81 T	1,2,4-Trichlorobenzene	0.849	0.816	3.9	104	0.00

(#) = Out of Range

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