

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL121719\
 Data File : VL034507.D
 Acq On : 18 Dec 2019 9:05
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 19 01:32:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 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	94	-0.01
2 T	Dichlorodifluoromethane	1.809	1.210	33.1#	65	0.00
3	Chlorodifluoromethane	1.248	1.131	9.4	96	0.00
4	Chloromethane	0.736	0.695	5.6	101	0.00
5 T	Vinyl Chloride	0.690	0.639	7.4	98	0.00
6 T	Bromomethane	0.347	0.351	-1.2	100	0.00
7	Chloroethane	0.250	0.246	1.6	102	0.00
8 T	Dichlorotetrafluoroethane	1.625	1.499	7.8	98	0.00
9 T	Propene	0.554	0.475	14.3	91	0.00
10 T	Heptane	1.430	1.280	10.5	92	-0.01
11 T	Trichlorofluoromethane	1.800	1.756	2.4	104	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.196	1.165	2.6	104	-0.01
13	Ethanol	0.154	0.129	16.2	104	0.00
14 T	Bromoethene	0.486	0.481	1.0	99	0.00
15 T	Acetone	1.432	1.492	-4.2	121	0.00
16 T	1,3-Butadiene	0.624	0.586	6.1	95	0.00
17	tert-Butyl alcohol	1.204	1.239	-2.9	102	0.00
18 T	1,1-Dichloroethene	0.523	0.520	0.6	103	0.00
19 T	Isopropyl Alcohol	0.918	0.995	-8.4	102	0.00
20 T	Methylene Chloride	0.508	0.451	11.2	100	-0.01
21 T	Allyl Chloride	0.858	0.891	-3.8	103	-0.01
22 T	trans-1,2-Dichloroethene	0.527	0.533	-1.1	103	0.00
23 T	Vinyl Acetate	1.871	1.922	-2.7	103	-0.01
24 T	1,1-Dichloroethane	1.437	1.314	8.6	96	-0.01
25 T	Ethyl Acetate	2.555	2.309	9.6	96	0.00
26 T	Hexane	1.098	0.983	10.5	95	0.00
27 T	Carbon Disulfide	1.196	1.354	-13.2	102	0.00
28 T	Methyl tert-Butyl Ether	1.821	1.708	6.2	94	0.00
29 T	Chloroform	1.778	1.626	8.5	95	-0.01
30 T	Cyclohexane	0.830	0.777	6.4	91	-0.01
31 T	cis-1,2-Dichloroethene	1.135	1.055	7.0	92	0.00
32 T	1,1,1-Trichloroethane	1.667	1.695	-1.7	99	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
34 T	2-Butanone	0.823	0.765	7.0	95	-0.01
35 T	Carbon Tetrachloride	0.860	0.910	-5.8	102	-0.02
36 T	Benzene	1.000	0.935	6.5	93	-0.01
37 T	1,2-Dichloroethane	0.743	0.713	4.0	96	-0.01
38 T	Trichloroethene	0.410	0.385	6.1	95	-0.02
39 T	1,2-Dichloropropane	0.385	0.380	1.3	90	-0.02
40 T	1,4-Dioxane	0.168	0.164	2.4	100	0.00
41 T	Tetrahydrofuran	0.462	0.418	9.5	90	0.00
42 T	Bromodichloromethane	0.929	0.912	1.8	95	-0.01
43	Methyl Methacrylate	0.415	0.399	3.9	93	-0.02
44 T	2,2,4-Trimethylpentane	1.827	1.678	8.2	94	-0.02
45 T	t-1,3-Dichloropropene	0.532	0.561	-5.5	91	-0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.597	0.614	-2.8	91	-0.01
47 T	1,1,2-Trichloroethane	0.428	0.395	7.7	91	-0.02
48 T	Dibromochloromethane	0.736	0.752	-2.2	94	-0.02
49 T	Bromoform	0.657	0.661	-0.6	91	0.00
50 T	4-Methyl-2-Pentanone	1.191	1.129	5.2	94	-0.01
51 T	2-Hexanone	0.998	0.935	6.3	92	0.00
52 T	Tetrachloroethene	0.433	0.355	18.0	91	-0.01
53 T	Toluene	1.135	1.070	5.7	91	-0.01
54 T	1,2-Dibromoethane	0.657	0.610	7.2	91	-0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
56	1,1,1,2-Tetrachloroethane	0.489	0.448	8.4	97	-0.02
57 T	Chlorobenzene	0.904	0.749	17.1	94	-0.01
58 T	Ethyl Benzene	1.552	1.312	15.5	91	-0.01
59 T	m/p-Xylene	1.341	1.094	18.4	90	-0.01
60 T	o-Xylene	1.326	1.106	16.6	93	-0.01
61 T	Styrene	0.956	0.793	17.1	88	-0.01
62	Isopropylbenzene	1.754	1.418	19.2	90	0.00
63 T	1,1,2,2-Tetrachloroethane	0.997	0.759	23.9	91	-0.01
64	n-propylbenzene	0.456	0.371	18.6	90	-0.01
65	tert-Butylbenzene	1.576	1.268	19.5	91	0.00
66 T	Benzyl Chloride	0.606	0.628	-3.6	93	0.00
67	sec-Butylbenzene	2.204	1.752	20.5	91	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.841	0.785	6.7	93	-0.01
69	p-Isopropyltoluene	1.829	1.484	18.9	92	-0.01
70	n-Butylbenzene	1.968	1.570	20.2	92	-0.01
71	2-Chlorotoluene	1.399	1.109	20.7	89	0.00
72 T	4-Ethyltoluene	1.533	1.237	19.3	89	0.00
73 T	1,3,5-Trimethylbenzene	1.500	1.201	19.9	90	0.00
74 T	1,2,4-Trimethylbenzene	1.593	1.250	21.5	92	0.00
75 T	1,3-Dichlorobenzene	0.916	0.702	23.4	90	0.00
76 T	1,4-Dichlorobenzene	0.889	0.705	20.7	90	0.00
77 T	1,2-Dichlorobenzene	0.885	0.691	21.9	91	-0.01
78 T	Hexachloro-1,3-Butadiene	0.760	0.720	5.3	114	-0.01
79 T	Naphthalene	1.381	1.344	2.7	111	0.00
80 T	Naphthalene,2-methyl-	0.624	0.691	-10.7	102	0.00
81 T	1,2,4-Trichlorobenzene	0.849	0.788	7.2	108	-0.01

(#) = Out of Range

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