

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL120319\
 Data File : VL034461.D
 Acq On : 3 Dec 2019 15:39
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 03 16:15:12 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	0.00
2 T	Dichlorodifluoromethane	1.809	1.840	-1.7	99	0.00
3	Chlorodifluoromethane	1.248	1.071	14.2	90	0.00
4	Chloromethane	0.736	0.642	12.8	93	0.00
5 T	Vinyl Chloride	0.690	0.598	13.3	92	0.00
6 T	Bromomethane	0.347	0.321	7.5	92	0.00
7	Chloroethane	0.250	0.223	10.8	93	0.00
8 T	Dichlorotetrafluoroethane	1.625	1.405	13.5	92	0.00
9 T	Propene	0.554	0.452	18.4	86	0.00
10 T	Heptane	1.430	1.224	14.4	88	0.00
11 T	Trichlorofluoromethane	1.800	1.629	9.5	97	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.196	1.078	9.9	96	0.00
13	Ethanol	0.154	0.089	42.2#	72	0.00
14 T	Bromoethene	0.486	0.426	12.3	88	0.00
15 T	Acetone	1.432	1.338	6.6	109	0.00
16 T	1,3-Butadiene	0.624	0.550	11.9	89	0.00
17	tert-Butyl alcohol	1.204	0.888	26.2	73	0.00
18 T	1,1-Dichloroethene	0.523	0.472	9.8	93	0.00
19 T	Isopropyl Alcohol	0.918	0.665	27.6	68	0.00
20 T	Methylene Chloride	0.508	0.411	19.1	91	0.00
21 T	Allyl Chloride	0.858	0.809	5.7	94	0.00
22 T	trans-1,2-Dichloroethene	0.527	0.492	6.6	95	0.00
23 T	Vinyl Acetate	1.871	1.772	5.3	95	0.00
24 T	1,1-Dichloroethane	1.437	1.253	12.8	92	0.00
25 T	Ethyl Acetate	2.555	2.177	14.8	90	0.00
26 T	Hexane	1.098	0.920	16.2	89	0.00
27 T	Carbon Disulfide	1.196	1.250	-4.5	94	0.00
28 T	Methyl tert-Butyl Ether	1.821	1.615	11.3	89	0.00
29 T	Chloroform	1.778	1.519	14.6	89	0.00
30 T	Cyclohexane	0.830	0.724	12.8	85	0.00
31 T	cis-1,2-Dichloroethene	1.135	1.001	11.8	87	0.00
32 T	1,1,1-Trichloroethane	1.667	1.576	5.5	92	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
34 T	2-Butanone	0.823	0.724	12.0	90	0.00
35 T	Carbon Tetrachloride	0.860	0.818	4.9	93	0.00
36 T	Benzene	1.000	0.869	13.1	87	0.00
37 T	1,2-Dichloroethane	0.743	0.671	9.7	92	0.00
38 T	Trichloroethene	0.410	0.366	10.7	92	0.00
39 T	1,2-Dichloropropane	0.385	0.362	6.0	86	0.00
40 T	1,4-Dioxane	0.168	0.114	32.1#	71	0.00
41 T	Tetrahydrofuran	0.462	0.399	13.6	86	0.00
42 T	Bromodichloromethane	0.929	0.846	8.9	89	0.00
43	Methyl Methacrylate	0.415	0.375	9.6	88	0.00
44 T	2,2,4-Trimethylpentane	1.827	1.564	14.4	89	0.00
45 T	t-1,3-Dichloropropene	0.532	0.523	1.7	86	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.597	0.582	2.5	87	0.00
47 T	1,1,2-Trichloroethane	0.428	0.367	14.3	85	0.00
48 T	Dibromochloromethane	0.736	0.697	5.3	88	0.00
49 T	Bromoform	0.657	0.618	5.9	86	0.00
50 T	4-Methyl-2-Pentanone	1.191	1.061	10.9	89	0.00
51 T	2-Hexanone	0.998	0.897	10.1	89	0.00
52 T	Tetrachloroethene	0.433	0.329	24.0	84	0.00
53 T	Toluene	1.135	1.005	11.5	86	0.00
54 T	1,2-Dibromoethane	0.657	0.562	14.5	85	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
56	1,1,1,2-Tetrachloroethane	0.489	0.440	10.0	88	0.00
57 T	Chlorobenzene	0.904	0.743	17.8	86	0.00
58 T	Ethyl Benzene	1.552	1.339	13.7	86	0.00
59 T	m/p-Xylene	1.341	1.123	16.3	85	0.00
60 T	o-Xylene	1.326	1.134	14.5	88	0.00
61 T	Styrene	0.956	0.817	14.5	83	0.00
62	Isopropylbenzene	1.754	1.453	17.2	85	0.00
63 T	1,1,2,2-Tetrachloroethane	0.997	0.765	23.3	84	0.00
64	n-propylbenzene	0.456	0.371	18.6	83	0.00
65	tert-Butylbenzene	1.576	1.283	18.6	85	0.00
66 T	Benzyl Chloride	0.606	0.623	-2.8	85	0.00
67	sec-Butylbenzene	2.204	1.795	18.6	86	0.00
68 S	1-Bromo-4-Fluorobenzene	0.841	0.863	-2.6	94	0.00
69	p-Isopropyltoluene	1.829	1.503	17.8	86	0.00
70	n-Butylbenzene	1.968	1.593	19.1	86	0.00
71	2-Chlorotoluene	1.399	1.132	19.1	84	0.00
72 T	4-Ethyltoluene	1.533	1.278	16.6	85	0.00
73 T	1,3,5-Trimethylbenzene	1.500	1.223	18.5	84	0.00
74 T	1,2,4-Trimethylbenzene	1.593	1.274	20.0	86	0.00
75 T	1,3-Dichlorobenzene	0.916	0.709	22.6	84	0.00
76 T	1,4-Dichlorobenzene	0.889	0.713	19.8	84	0.00
77 T	1,2-Dichlorobenzene	0.885	0.696	21.4	85	0.00
78 T	Hexachloro-1,3-Butadiene	0.760	0.738	2.9	108	0.00
79 T	Naphthalene	1.381	1.329	3.8	101	0.00
80 T	Naphthalene,2-methyl-	0.624	0.612	1.9	84	0.00
81 T	1,2,4-Trichlorobenzene	0.849	0.784	7.7	99	0.00

(#) = Out of Range

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