

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL121719\
 Data File : VL034493.D
 Acq On : 17 Dec 2019 13:16
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 18 04:32:24 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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	10.000	10.000	0.0	88	0.00
2 T	Dichlorodifluoromethane	10.000	9.867	1.3	90	0.00
3	Chlorodifluoromethane	10.000	9.445	5.5	94	0.00
4	Chloromethane	10.000	8.372	16.3	84	0.00
5 T	Vinyl Chloride	10.000	8.809	11.9	87	0.00
6 T	Bromomethane	10.000	9.954	0.5	93	0.00
7	Chloroethane	10.000	9.044	9.6	89	0.00
8 T	Dichlorotetrafluoroethane	10.000	8.945	10.5	89	0.00
9 T	Propene	10.000	8.114	18.9	80	0.00
10 T	Heptane	10.000	8.611	13.9	83	0.00
11 T	Trichlorofluoromethane	10.000	9.471	5.3	95	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.482	5.2	95	0.00
13	Ethanol	10.000	8.802	12.0	103	0.00
14 T	Bromoethene	10.000	9.245	7.6	87	0.00
15 T	Acetone	10.000	8.419	15.8	92	0.00
16 T	1,3-Butadiene	10.000	8.947	10.5	85	0.00
17	tert-Butyl alcohol	10.000	10.298	-3.0	96	0.00
18 T	1,1-Dichloroethene	10.000	9.329	6.7	91	0.00
19 T	Isopropyl Alcohol	10.000	10.582	-5.8	94	0.00
20 T	Methylene Chloride	10.000	8.519	14.8	90	0.00
21 T	Allyl Chloride	10.000	9.601	4.0	90	0.00
22 T	trans-1,2-Dichloroethene	10.000	9.361	6.4	89	0.00
23 T	Vinyl Acetate	10.000	9.231	7.7	87	0.00
24 T	1,1-Dichloroethane	10.000	8.924	10.8	88	0.00
25 T	Ethyl Acetate	10.000	8.333	16.7	83	0.00
26 T	Hexane	10.000	8.583	14.2	85	0.00
27 T	Carbon Disulfide	10.000	10.632	-6.3	90	0.00
28 T	Methyl tert-Butyl Ether	10.000	8.944	10.6	84	0.00
29 T	Chloroform	10.000	8.834	11.7	86	0.00
30 T	Cyclohexane	10.000	8.928	10.7	82	0.00
31 T	cis-1,2-Dichloroethene	10.000	8.743	12.6	81	0.00
32 T	1,1,1-Trichloroethane	10.000	9.608	3.9	88	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	87	0.00
34 T	2-Butanone	10.000	8.536	14.6	83	0.00
35 T	Carbon Tetrachloride	10.000	9.912	0.9	91	0.00
36 T	Benzene	10.000	8.607	13.9	81	0.00
37 T	1,2-Dichloroethane	10.000	8.968	10.3	86	0.00
38 T	Trichloroethene	10.000	8.582	14.2	83	0.00
39 T	1,2-Dichloropropane	10.000	9.458	5.4	82	0.00
40 T	1,4-Dioxane	10.000	8.361	16.4	82	0.00
41 T	Tetrahydrofuran	10.000	8.538	14.6	81	0.00
42 T	Bromodichloromethane	10.000	9.285	7.1	86	0.00
43	Methyl Methacrylate	10.000	9.154	8.5	84	0.00
44 T	2,2,4-Trimethylpentane	10.000	8.653	13.5	85	0.00
45 T	t-1,3-Dichloropropene	10.000	9.322	6.8	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	10.000	9.259	7.4	78	0.00
47 T	1,1,2-Trichloroethane	10.000	8.823	11.8	83	0.00
48 T	Dibromochloromethane	10.000	9.788	2.1	86	0.00
49 T	Bromoform	10.000	10.022	-0.2	87	0.00
50 T	4-Methyl-2-Pentanone	10.000	8.778	12.2	83	0.00
51 T	2-Hexanone	10.000	8.755	12.4	82	0.00
52 T	Tetrachloroethene	10.000	7.750	22.5	82	0.00
53 T	Toluene	10.000	8.916	10.8	82	0.00
54 T	1,2-Dibromoethane	10.000	9.145	8.6	86	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	93	0.00
56	1,1,1,2-Tetrachloroethane	10.000	9.009	9.9	89	0.00
57 T	Chlorobenzene	10.000	7.974	20.3	85	0.00
58 T	Ethyl Benzene	10.000	8.249	17.5	83	0.00
59 T	m/p-Xylene	20.000	16.140	19.3	84	0.00
60 T	o-Xylene	10.000	8.211	17.9	86	0.00
61 T	Styrene	10.000	8.057	19.4	80	0.00
62	Isopropylbenzene	10.000	8.246	17.5	86	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	7.938	20.6	89	0.00
64	n-propylbenzene	10.000	8.272	17.3	86	0.00
65	tert-Butylbenzene	10.000	8.373	16.3	89	0.00
66 T	Benzyl Chloride	10.000	10.420	-4.2	88	0.00
67	sec-Butylbenzene	10.000	8.240	17.6	89	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	9.440	5.6	88	0.00
69	p-Isopropyltoluene	10.000	8.257	17.4	88	0.00
70	n-Butylbenzene	10.000	8.184	18.2	89	0.00
71	2-Chlorotoluene	10.000	8.153	18.5	86	0.00
72 T	4-Ethyltoluene	10.000	8.123	18.8	85	0.00
73 T	1,3,5-Trimethylbenzene	10.000	8.068	19.3	85	0.00
74 T	1,2,4-Trimethylbenzene	10.000	7.946	20.5	87	0.00
75 T	1,3-Dichlorobenzene	10.000	7.658	23.4	85	0.00
76 T	1,4-Dichlorobenzene	10.000	7.917	20.8	85	0.00
77 T	1,2-Dichlorobenzene	10.000	7.891	21.1	86	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	7.713	22.9	87	0.00
79 T	Naphthalene	10.000	7.696	23.0	82	0.00
80 T	Naphthalene,2-methyl-	10.000	4.591	54.1#	40	0.00
81 T	1,2,4-Trichlorobenzene	10.000	7.059	29.4	77	0.00

(#) = Out of Range

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