

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112718\
 Data File : VL032828.D
 Acq On : 28 Nov 2018 12:49
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 28 15:19:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 14 07:00:23 2018
 QLast Update : Wed Nov 14 07:00:23 2018
 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	77	0.00
2 T	Dichlorodifluoromethane	10.000	7.115	28.8	61	0.00
3	Chlorodifluoromethane	10.000	10.763	-7.6	91	0.00
4	Chloromethane	10.000	10.691	-6.9	92	0.00
5 T	Vinyl Chloride	10.000	10.420	-4.2	93	0.00
6 T	Bromomethane	10.000	15.525	-55.3#	129	0.00
7	Chloroethane	10.000	15.161	-51.6#	128	0.00
8 T	Dichlorotetrafluoroethane	10.000	10.717	-7.2	94	0.00
9 T	Propene	10.000	10.897	-9.0	91	0.00
10 T	Heptane	10.000	11.912	-19.1	92	0.00
11 T	Trichlorofluoromethane	10.000	13.714	-37.1#	126	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	11.237	-12.4	101	0.00
13	Ethanol	10.000	11.957	-19.6	130	0.00
14 T	Bromoethene	10.000	15.304	-53.0#	130	0.00
15 T	Acetone	10.000	13.089	-30.9#	130	0.00
16 T	1,3-Butadiene	10.000	11.962	-19.6	88	0.00
17	tert-Butyl alcohol	10.000	11.981	-19.8	92	0.00
18 T	1,1-Dichloroethene	10.000	11.540	-15.4	95	0.00
19 T	Isopropyl Alcohol	10.000	13.728	-37.3#	124	0.00
20 T	Methylene Chloride	10.000	11.393	-13.9	96	0.00
21 T	Allyl Chloride	10.000	12.643	-26.4	108	0.00
22 T	trans-1,2-Dichloroethene	10.000	12.536	-25.4	99	0.00
23 T	Vinyl Acetate	10.000	11.567	-15.7	84	0.00
24 T	1,1-Dichloroethane	10.000	11.398	-14.0	88	0.00
25 T	Ethyl Acetate	10.000	11.158	-11.6	93	0.00
26 T	Hexane	10.000	11.588	-15.9	93	0.00
27 T	Carbon Disulfide	10.000	12.748	-27.5	104	0.00
28 T	Methyl tert-Butyl Ether	10.000	12.136	-21.4	88	0.00
29 T	Chloroform	10.000	11.407	-14.1	97	0.00
30 T	Cyclohexane	10.000	12.012	-20.1	93	0.00
31 T	cis-1,2-Dichloroethene	10.000	12.019	-20.2	93	0.00
32 T	1,1,1-Trichloroethane	10.000	10.909	-9.1	95	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	81	0.00
34 T	2-Butanone	10.000	11.156	-11.6	92	0.00
35 T	Carbon Tetrachloride	10.000	10.449	-4.5	95	0.00
36 T	Benzene	10.000	11.324	-13.2	94	0.00
37 T	1,2-Dichloroethane	10.000	10.896	-9.0	93	0.00
38 T	Trichloroethene	10.000	11.674	-16.7	96	0.00
39 T	1,2-Dichloropropane	10.000	11.007	-10.1	92	0.00
40 T	1,4-Dioxane	10.000	11.810	-18.1	100	0.00
41 T	Tetrahydrofuran	10.000	11.676	-16.8	92	0.00
42 T	Bromodichloromethane	10.000	11.089	-10.9	94	0.00
43	Methyl Methacrylate	10.000	12.080	-20.8	92	0.00
44 T	2,2,4-Trimethylpentane	10.000	11.401	-14.0	94	0.00
45 T	t-1,3-Dichloropropene	10.000	13.159	-31.6#	90	0.00

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 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	10.000	12.454	-24.5	90	0.00
47 T	1,1,2-Trichloroethane	10.000	11.230	-12.3	93	0.00
48 T	Dibromochloromethane	10.000	11.175	-11.8	84	0.00
49 T	Bromoform	10.000	11.088	-10.9	89	0.00
50 T	4-Methyl-2-Pentanone	10.000	11.323	-13.2	89	0.00
51 T	2-Hexanone	10.000	12.084	-20.8	86	0.00
52 T	Tetrachloroethene	10.000	11.852	-18.5	96	0.00
53 T	Toluene	10.000	12.652	-26.5	94	0.00
54 T	1,2-Dibromoethane	10.000	11.502	-15.0	92	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	82	0.00
56	1,1,1,2-Tetrachloroethane	10.000	10.543	-5.4	93	0.00
57 T	Chlorobenzene	10.000	10.577	-5.8	93	0.00
58 T	Ethyl Benzene	10.000	11.813	-18.1	92	0.00
59 T	m/p-Xylene	20.000	22.064	-10.3	91	0.03
60 T	o-Xylene	10.000	10.637	-6.4	90	0.00
61 T	Styrene	10.000	12.118	-21.2	89	0.00
62	Isopropylbenzene	10.000	11.032	-10.3	91	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	8.933	10.7	85	0.00
64	n-propylbenzene	10.000	10.738	-7.4	87	0.00
65	tert-Butylbenzene	10.000	10.901	-9.0	88	0.01
66 T	Benzyl Chloride	10.000	10.963	-9.6	79	0.01
67	sec-Butylbenzene	10.000	10.527	-5.3	87	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	9.619	3.8	73	0.00
69	p-Isopropyltoluene	10.000	11.031	-10.3	89	0.00
70	n-Butylbenzene	10.000	11.226	-12.3	90	0.00
71	2-Chlorotoluene	10.000	10.987	-9.9	86	0.00
72 T	4-Ethyltoluene	10.000	11.052	-10.5	86	0.00
73 T	1,3,5-Trimethylbenzene	10.000	10.719	-7.2	86	0.00
74 T	1,2,4-Trimethylbenzene	10.000	10.403	-4.0	88	0.00
75 T	1,3-Dichlorobenzene	10.000	10.476	-4.8	89	0.00
76 T	1,4-Dichlorobenzene	10.000	11.041	-10.4	90	0.00
77 T	1,2-Dichlorobenzene	10.000	10.935	-9.4	92	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	16.248	-62.5#	130	0.00
79 T	Naphthalene	10.000	16.348	-63.5#	116	0.01
80 T	Naphthalene,2-methyl-	10.000	17.317	-73.2#	91	0.01
81 T	1,2,4-Trichlorobenzene	10.000	15.623	-56.2#	115	0.00

(#) = Out of Range

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