

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL110718\
 Data File : VL032740.D
 Acq On : 8 Nov 2018 9:49
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 08 12:17:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 25 05:15:43 2018
 QLast Update : Thu Oct 25 05:15:43 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	12.629	-26.3	146	0.00
3	Chlorodifluoromethane	10.000	9.382	6.2	84	0.00
4	Chloromethane	10.000	8.700	13.0	77	0.00
5 T	Vinyl Chloride	10.000	8.374	16.3	79	0.00
6 T	Bromomethane	10.000	8.739	12.6	81	0.00
7	Chloroethane	10.000	8.929	10.7	82	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.263	7.4	83	0.00
9 T	Propene	10.000	8.821	11.8	75	0.00
10 T	Heptane	10.000	10.082	-0.8	82	0.00
11 T	Trichlorofluoromethane	10.000	8.882	11.2	89	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	10.525	-5.3	88	0.00
13	Ethanol	10.000	8.025	19.7	72	0.00
14 T	Bromoethene	10.000	9.223	7.8	82	0.00
15 T	Acetone	10.000	8.415	15.9	88	0.00
16 T	1,3-Butadiene	10.000	9.817	1.8	84	0.00
17	tert-Butyl alcohol	10.000	3.249	67.5#	21	0.00
18 T	1,1-Dichloroethene	10.000	10.550	-5.5	83	0.00
19 T	Isopropyl Alcohol	10.000	7.777	22.2	69	0.00
20 T	Methylene Chloride	10.000	9.617	3.8	84	0.00
21 T	Allyl Chloride	10.000	11.227	-12.3	86	0.00
22 T	trans-1,2-Dichloroethene	10.000	9.865	1.3	80	0.00
23 T	Vinyl Acetate	10.000	9.962	0.4	81	0.00
24 T	1,1-Dichloroethane	10.000	8.817	11.8	76	0.00
25 T	Ethyl Acetate	10.000	9.739	2.6	81	0.00
26 T	Hexane	10.000	9.206	7.9	77	0.00
27 T	Carbon Disulfide	10.000	10.856	-8.6	83	0.00
28 T	Methyl tert-Butyl Ether	10.000	8.348	16.5	66	0.00
29 T	Chloroform	10.000	10.454	-4.5	89	0.00
30 T	Cyclohexane	10.000	10.479	-4.8	82	0.00
31 T	cis-1,2-Dichloroethene	10.000	10.343	-3.4	80	0.00
32 T	1,1,1-Trichloroethane	10.000	10.385	-3.8	90	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	82	0.00
34 T	2-Butanone	10.000	10.014	-0.1	87	0.00
35 T	Carbon Tetrachloride	10.000	10.468	-4.7	92	0.00
36 T	Benzene	10.000	9.870	1.3	83	0.00
37 T	1,2-Dichloroethane	10.000	10.756	-7.6	91	0.00
38 T	Trichloroethene	10.000	10.801	-8.0	88	0.00
39 T	1,2-Dichloropropane	10.000	9.641	3.6	82	0.00
40 T	1,4-Dioxane	10.000	10.458	-4.6	85	0.00
41 T	Tetrahydrofuran	10.000	10.619	-6.2	83	0.00
42 T	Bromodichloromethane	10.000	10.720	-7.2	91	0.00
43	Methyl Methacrylate	10.000	11.085	-10.9	85	0.00
44 T	2,2,4-Trimethylpentane	10.000	9.927	0.7	84	0.00
45 T	t-1,3-Dichloropropene	10.000	11.681	-16.8	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	10.000	12.147	-21.5	90	0.00
47 T	1,1,2-Trichloroethane	10.000	10.114	-1.1	86	0.00
48 T	Dibromochloromethane	10.000	10.453	-4.5	83	0.00
49 T	Bromoform	10.000	11.830	-18.3	95	0.00
50 T	4-Methyl-2-Pentanone	10.000	11.297	-13.0	93	0.00
51 T	2-Hexanone	10.000	11.333	-13.3	84	0.00
52 T	Tetrachloroethene	10.000	10.355	-3.6	87	0.00
53 T	Toluene	10.000	10.279	-2.8	79	0.00
54 T	1,2-Dibromoethane	10.000	10.881	-8.8	82	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	82	0.00
56	1,1,1,2-Tetrachloroethane	10.000	10.293	-2.9	93	0.00
57 T	Chlorobenzene	10.000	9.886	1.1	89	0.00
58 T	Ethyl Benzene	10.000	11.006	-10.1	87	0.00
59 T	m/p-Xylene	20.000	20.377	-1.9	86	0.00
60 T	o-Xylene	10.000	10.573	-5.7	90	0.00
61 T	Styrene	10.000	11.280	-12.8	84	0.00
62	Isopropylbenzene	10.000	10.645	-6.4	92	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	9.795	2.1	93	0.00
64	n-propylbenzene	10.000	10.996	-10.0	91	0.00
65	tert-Butylbenzene	10.000	11.032	-10.3	94	0.00
66 T	Benzyl Chloride	10.000	11.830	-18.3	87	0.00
67	sec-Butylbenzene	10.000	11.058	-10.6	95	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	10.123	-1.2	83	0.00
69	p-Isopropyltoluene	10.000	11.490	-14.9	97	0.00
70	n-Butylbenzene	10.000	11.651	-16.5	97	0.00
71	2-Chlorotoluene	10.000	11.638	-16.4	95	0.00
72 T	4-Ethyltoluene	10.000	11.623	-16.2	93	0.00
73 T	1,3,5-Trimethylbenzene	10.000	11.403	-14.0	94	0.00
74 T	1,2,4-Trimethylbenzene	10.000	10.973	-9.7	95	0.00
75 T	1,3-Dichlorobenzene	10.000	10.971	-9.7	97	0.00
76 T	1,4-Dichlorobenzene	10.000	11.715	-17.1	98	0.00
77 T	1,2-Dichlorobenzene	10.000	11.310	-13.1	100	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	15.351	-53.5#	161	0.00
79 T	Naphthalene	10.000	13.597	-36.0#	96	0.00
80 T	Naphthalene,2-methyl-	10.000	14.321	-43.2#	66	0.00
81 T	1,2,4-Trichlorobenzene	10.000	13.779	-37.8#	100	0.00

(#) = Out of Range

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