

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111418\
 Data File : VL032774.D
 Acq On : 15 Nov 2018 00:57
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 15 07:26:42 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	97	0.00
2 T	Dichlorodifluoromethane	10.000	8.826	11.7	96	0.00
3	Chlorodifluoromethane	10.000	9.185	8.1	99	0.00
4	Chloromethane	10.000	9.423	5.8	103	0.00
5 T	Vinyl Chloride	10.000	9.032	9.7	102	0.00
6 T	Bromomethane	10.000	9.324	6.8	98	0.00
7	Chloroethane	10.000	9.285	7.1	100	0.00
8 T	Dichlorotetrafluoroethane	10.000	8.753	12.5	97	0.00
9 T	Propene	10.000	10.292	-2.9	109	0.00
10 T	Heptane	10.000	10.432	-4.3	102	0.00
11 T	Trichlorofluoromethane	10.000	8.114	18.9	95	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	8.475	15.3	96	0.00
13	Ethanol	10.000	6.891	31.1#	95	0.00
14 T	Bromoethene	10.000	9.468	5.3	102	0.00
15 T	Acetone	10.000	7.894	21.1	99	0.00
16 T	1,3-Butadiene	10.000	10.053	-0.5	94	0.00
17	tert-Butyl alcohol	10.000	10.509	-5.1	103	0.00
18 T	1,1-Dichloroethene	10.000	9.614	3.9	100	0.00
19 T	Isopropyl Alcohol	10.000	8.654	13.5	99	0.00
20 T	Methylene Chloride	10.000	9.497	5.0	101	0.00
21 T	Allyl Chloride	10.000	11.112	-11.1	120	0.00
22 T	trans-1,2-Dichloroethene	10.000	9.161	8.4	92	0.00
23 T	Vinyl Acetate	10.000	10.433	-4.3	96	0.00
24 T	1,1-Dichloroethane	10.000	9.409	5.9	92	0.00
25 T	Ethyl Acetate	10.000	9.620	3.8	101	0.00
26 T	Hexane	10.000	9.942	0.6	101	0.00
27 T	Carbon Disulfide	10.000	10.215	-2.1	105	0.00
28 T	Methyl tert-Butyl Ether	10.000	10.503	-5.0	96	0.00
29 T	Chloroform	10.000	9.075	9.3	98	0.00
30 T	Cyclohexane	10.000	10.495	-4.9	103	0.00
31 T	cis-1,2-Dichloroethene	10.000	10.310	-3.1	101	0.00
32 T	1,1,1-Trichloroethane	10.000	8.999	10.0	99	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	101	0.00
34 T	2-Butanone	10.000	9.860	1.4	101	0.00
35 T	Carbon Tetrachloride	10.000	8.458	15.4	96	0.00
36 T	Benzene	10.000	10.079	-0.8	105	0.00
37 T	1,2-Dichloroethane	10.000	8.965	10.4	96	0.00
38 T	Trichloroethene	10.000	9.493	5.1	98	0.00
39 T	1,2-Dichloropropane	10.000	10.032	-0.3	105	0.00
40 T	1,4-Dioxane	10.000	10.086	-0.9	107	0.00
41 T	Tetrahydrofuran	10.000	10.613	-6.1	104	0.00
42 T	Bromodichloromethane	10.000	9.263	7.4	98	0.00
43	Methyl Methacrylate	10.000	10.630	-6.3	101	0.00
44 T	2,2,4-Trimethylpentane	10.000	9.802	2.0	101	0.00
45 T	t-1,3-Dichloropropene	10.000	11.491	-14.9	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	10.000	10.928	-9.3	99	0.00
47 T	1,1,2-Trichloroethane	10.000	9.481	5.2	99	0.00
48 T	Dibromochloromethane	10.000	9.374	6.3	89	0.00
49 T	Bromoform	10.000	8.961	10.4	90	0.00
50 T	4-Methyl-2-Pentanone	10.000	9.917	0.8	97	0.00
51 T	2-Hexanone	10.000	10.919	-9.2	97	0.00
52 T	Tetrachloroethene	10.000	9.757	2.4	99	0.00
53 T	Toluene	10.000	10.864	-8.6	101	0.00
54 T	1,2-Dibromoethane	10.000	9.729	2.7	98	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	103	0.00
56	1,1,1,2-Tetrachloroethane	10.000	8.611	13.9	95	0.00
57 T	Chlorobenzene	10.000	8.806	11.9	97	0.00
58 T	Ethyl Benzene	10.000	9.978	0.2	97	0.00
59 T	m/p-Xylene	20.000	18.576	7.1	96	0.00
60 T	o-Xylene	10.000	8.888	11.1	94	0.00
61 T	Styrene	10.000	10.414	-4.1	95	0.00
62	Isopropylbenzene	10.000	9.229	7.7	95	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	7.679	23.2	91	0.00
64	n-propylbenzene	10.000	8.921	10.8	91	0.00
65	tert-Butylbenzene	10.000	8.786	12.1	89	0.00
66 T	Benzyl Chloride	10.000	9.229	7.7	84	0.00
67	sec-Butylbenzene	10.000	8.678	13.2	90	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	9.519	4.8	90	0.00
69	p-Isopropyltoluene	10.000	8.978	10.2	91	0.00
70	n-Butylbenzene	10.000	9.095	9.0	92	0.00
71	2-Chlorotoluene	10.000	9.218	7.8	90	0.00
72 T	4-Ethyltoluene	10.000	9.167	8.3	90	0.00
73 T	1,3,5-Trimethylbenzene	10.000	8.858	11.4	89	0.00
74 T	1,2,4-Trimethylbenzene	10.000	8.393	16.1	89	0.00
75 T	1,3-Dichlorobenzene	10.000	8.196	18.0	88	0.00
76 T	1,4-Dichlorobenzene	10.000	8.782	12.2	89	0.00
77 T	1,2-Dichlorobenzene	10.000	8.822	11.8	93	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	12.122	-21.2	121	0.00
79 T	Naphthalene	10.000	12.788	-27.9	114	0.00
80 T	Naphthalene,2-methyl-	10.000	13.630	-36.3#	90	0.00
81 T	1,2,4-Trichlorobenzene	10.000	11.874	-18.7	110	0.00

(#) = Out of Range

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