

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL020419\
 Data File : VL033167.D
 Acq On : 5 Feb 2019 4:33
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 05 05:42:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL020419AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Feb 04 14:41:39 2019
 QLast Update : Mon Feb 04 14:41:39 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	99	0.00
2 T	Dichlorodifluoromethane	10.000	10.156	-1.6	122	0.00
3	Chlorodifluoromethane	10.000	8.506	14.9	87	0.00
4	Chloromethane	10.000	8.555	14.5	86	0.00
5 T	Vinyl Chloride	10.000	8.155	18.5	84	0.00
6 T	Bromomethane	10.000	8.748	12.5	89	0.00
7	Chloroethane	10.000	8.757	12.4	87	0.00
8 T	Dichlorotetrafluoroethane	10.000	8.416	15.8	88	0.00
9 T	Propene	10.000	8.473	15.3	87	0.00
10 T	Heptane	10.000	8.525	14.7	87	0.00
11 T	Trichlorofluoromethane	10.000	8.654	13.5	88	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.052	9.5	92	0.00
13	Ethanol	10.000	4.436	55.6#	64	0.00
14 T	Bromoethene	10.000	9.061	9.4	89	0.00
15 T	Acetone	10.000	7.457	25.4	89	0.00
16 T	1,3-Butadiene	10.000	9.366	6.3	89	0.00
17	tert-Butyl alcohol	10.000	7.236	27.6	70	0.00
18 T	1,1-Dichloroethene	10.000	8.847	11.5	89	0.00
19 T	Isopropyl Alcohol	10.000	7.521	24.8	71	0.00
20 T	Methylene Chloride	10.000	7.861	21.4	90	0.00
21 T	Allyl Chloride	10.000	9.041	9.6	89	0.00
22 T	trans-1,2-Dichloroethene	10.000	9.159	8.4	93	0.00
23 T	Vinyl Acetate	10.000	8.557	14.4	84	0.00
24 T	1,1-Dichloroethane	10.000	8.564	14.4	86	0.00
25 T	Ethyl Acetate	10.000	9.025	9.7	101	0.00
26 T	Hexane	10.000	9.088	9.1	104	0.00
27 T	Carbon Disulfide	10.000	9.694	3.1	88	0.00
28 T	Methyl tert-Butyl Ether	10.000	8.211	17.9	81	0.00
29 T	Chloroform	10.000	9.122	8.8	103	0.00
30 T	Cyclohexane	10.000	8.316	16.8	81	0.00
31 T	cis-1,2-Dichloroethene	10.000	8.495	15.1	88	0.00
32 T	1,1,1-Trichloroethane	10.000	8.975	10.3	81	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	84	0.00
34 T	2-Butanone	10.000	8.213	17.9	85	0.00
35 T	Carbon Tetrachloride	10.000	9.312	6.9	79	0.00
36 T	Benzene	10.000	8.717	12.8	83	0.00
37 T	1,2-Dichloroethane	10.000	9.365	6.3	86	0.00
38 T	Trichloroethene	10.000	8.601	14.0	83	0.00
39 T	1,2-Dichloropropane	10.000	9.075	9.3	85	0.00
40 T	1,4-Dioxane	10.000	7.756	22.4	79	0.00
41 T	Tetrahydrofuran	10.000	9.732	2.7	105	0.00
42 T	Bromodichloromethane	10.000	9.288	7.1	83	0.01
43	Methyl Methacrylate	10.000	9.273	7.3	85	0.00
44 T	2,2,4-Trimethylpentane	10.000	8.831	11.7	85	0.00
45 T	t-1,3-Dichloropropene	10.000	9.639	3.6	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	10.000	9.252	7.5	82	0.00
47 T	1,1,2-Trichloroethane	10.000	8.542	14.6	86	0.00
48 T	Dibromochloromethane	10.000	9.108	8.9	83	0.00
49 T	Bromoform	10.000	8.587	14.1	76	0.00
50 T	4-Methyl-2-Pentanone	10.000	8.070	19.3	87	0.00
51 T	2-Hexanone	10.000	7.623	23.8	87	0.00
52 T	Tetrachloroethene	10.000	8.334	16.7	86	0.00
53 T	Toluene	10.000	8.686	13.1	87	0.00
54 T	1,2-Dibromoethane	10.000	8.699	13.0	85	0.01
55 I	Chlorobenzene-d5	10.000	10.000	0.0	83	0.00
56	1,1,1,2-Tetrachloroethane	10.000	8.644	13.6	79	0.00
57 T	Chlorobenzene	10.000	8.410	15.9	81	0.00
58 T	Ethyl Benzene	10.000	8.531	14.7	82	0.00
59 T	m/p-Xylene	20.000	16.778	16.1	83	0.04
60 T	o-Xylene	10.000	8.505	14.9	81	0.00
61 T	Styrene	10.000	8.585	14.1	80	0.01
62	Isopropylbenzene	10.000	8.456	15.4	80	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	7.770	22.3	76	0.00
64	n-propylbenzene	10.000	8.211	17.9	74	0.00
65	tert-Butylbenzene	10.000	7.740	22.6	73	0.01
66 T	Benzyl Chloride	10.000	7.968	20.3	54	0.00
67	sec-Butylbenzene	10.000	7.786	22.1	73	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	10.183	-1.8	85	0.00
69	p-Isopropyltoluene	10.000	7.542	24.6	71	0.00
70	n-Butylbenzene	10.000	7.399	26.0	74	0.01
71	2-Chlorotoluene	10.000	8.174	18.3	75	0.00
72 T	4-Ethyltoluene	10.000	8.171	18.3	74	0.00
73 T	1,3,5-Trimethylbenzene	10.000	7.990	20.1	74	0.00
74 T	1,2,4-Trimethylbenzene	10.000	7.636	23.6	73	0.00
75 T	1,3-Dichlorobenzene	10.000	7.632	23.7	72	0.00
76 T	1,4-Dichlorobenzene	10.000	7.693	23.1	71	0.00
77 T	1,2-Dichlorobenzene	10.000	7.359	26.4	69	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	11.365	-13.7	124	0.00
79 T	Naphthalene	10.000	7.461	25.4	75	0.02
80 T	Naphthalene,2-methyl-	10.000	5.973	40.3#	63	0.01
81 T	1,2,4-Trichlorobenzene	10.000	7.265	27.4	72	0.02

(#) = Out of Range

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