

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL121718\
 Data File : VL033022.D
 Acq On : 18 Dec 2018 12:11
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 18 12:42:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 07 09:35:17 2018
 QLast Update : Fri Dec 07 09:35:17 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	90	0.00
2 T	Dichlorodifluoromethane	10.000	11.356	-13.6	108	0.00
3	Chlorodifluoromethane	10.000	11.032	-10.3	108	0.00
4	Chloromethane	10.000	10.145	-1.4	106	0.00
5 T	Vinyl Chloride	10.000	10.411	-4.1	106	0.00
6 T	Bromomethane	10.000	10.815	-8.1	103	0.00
7	Chloroethane	10.000	11.122	-11.2	107	0.00
8 T	Dichlorotetrafluoroethane	10.000	10.435	-4.4	102	0.00
9 T	Propene	10.000	11.400	-14.0	112	0.00
10 T	Heptane	10.000	10.942	-9.4	96	0.00
11 T	Trichlorofluoromethane	10.000	11.102	-11.0	107	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	8.854	11.5	88	0.00
13	Ethanol	10.000	10.257	-2.6	139	0.00
14 T	Bromoethene	10.000	11.907	-19.1	108	0.00
15 T	Acetone	10.000	10.290	-2.9	110	0.00
16 T	1,3-Butadiene	10.000	11.157	-11.6	103	0.00
17	tert-Butyl alcohol	10.000	11.475	-14.7	106	0.00
18 T	1,1-Dichloroethene	10.000	10.518	-5.2	105	0.00
19 T	Isopropyl Alcohol	10.000	13.370	-33.7#	129	0.00
20 T	Methylene Chloride	10.000	9.329	6.7	93	0.00
21 T	Allyl Chloride	10.000	9.910	0.9	91	0.00
22 T	trans-1,2-Dichloroethene	10.000	8.489	15.1	86	0.00
23 T	Vinyl Acetate	10.000	12.494	-24.9	117	0.00
24 T	1,1-Dichloroethane	10.000	9.123	8.8	94	0.00
25 T	Ethyl Acetate	10.000	10.704	-7.0	98	0.00
26 T	Hexane	10.000	10.707	-7.1	97	0.00
27 T	Carbon Disulfide	10.000	9.487	5.1	88	0.00
28 T	Methyl tert-Butyl Ether	10.000	12.007	-20.1	111	0.00
29 T	Chloroform	10.000	9.889	1.1	93	0.00
30 T	Cyclohexane	10.000	11.059	-10.6	98	0.00
31 T	cis-1,2-Dichloroethene	10.000	11.843	-18.4	106	0.00
32 T	1,1,1-Trichloroethane	10.000	9.809	1.9	94	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	88	0.00
34 T	2-Butanone	10.000	13.107	-31.1#	116	0.00
35 T	Carbon Tetrachloride	10.000	9.925	0.7	96	0.00
36 T	Benzene	10.000	10.829	-8.3	95	0.00
37 T	1,2-Dichloroethane	10.000	10.623	-6.2	94	0.00
38 T	Trichloroethene	10.000	10.735	-7.3	92	0.00
39 T	1,2-Dichloropropane	10.000	10.380	-3.8	92	0.00
40 T	1,4-Dioxane	10.000	12.684	-26.8	117	0.00
41 T	Tetrahydrofuran	10.000	11.605	-16.1	97	0.00
42 T	Bromodichloromethane	10.000	10.768	-7.7	95	0.00
43	Methyl Methacrylate	10.000	11.839	-18.4	94	0.00
44 T	2,2,4-Trimethylpentane	10.000	10.704	-7.0	92	0.00
45 T	t-1,3-Dichloropropene	10.000	12.769	-27.7	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL121718\
 Data File : VL033022.D
 Acq On : 18 Dec 2018 12:11
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 18 12:42:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 07 09:35:17 2018
 QLast Update : Fri Dec 07 09:35:17 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)
46 T	cis-1,3-Dichloropropene	10.000	12.069	-20.7	92	0.00
47 T	1,1,2-Trichloroethane	10.000	10.745	-7.4	94	0.00
48 T	Dibromochloromethane	10.000	10.861	-8.6	93	0.00
49 T	Bromoform	10.000	9.098	9.0	75	0.00
50 T	4-Methyl-2-Pentanone	10.000	10.802	-8.0	92	0.00
51 T	2-Hexanone	10.000	11.922	-19.2	89	0.00
52 T	Tetrachloroethene	10.000	10.823	-8.2	93	0.00
53 T	Toluene	10.000	11.806	-18.1	92	0.00
54 T	1,2-Dibromoethane	10.000	8.559	14.4	72	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	84	0.00
56	1,1,1,2-Tetrachloroethane	10.000	8.956	10.4	83	0.00
57 T	Chlorobenzene	10.000	7.996	20.0	75	0.00
58 T	Ethyl Benzene	10.000	9.461	5.4	75	0.00
59 T	m/p-Xylene	20.000	17.746	11.3	75	-0.03
60 T	o-Xylene	10.000	11.198	-12.0	97	0.00
61 T	Styrene	10.000	12.310	-23.1	90	0.00
62	Isopropylbenzene	10.000	11.264	-12.6	95	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	9.800	2.0	96	0.00
64	n-propylbenzene	10.000	11.194	-11.9	91	0.00
65	tert-Butylbenzene	10.000	10.837	-8.4	86	0.00
66 T	Benzyl Chloride	10.000	11.366	-13.7	86	0.00
67	sec-Butylbenzene	10.000	10.316	-3.2	86	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	9.951	0.5	86	0.00
69	p-Isopropyltoluene	10.000	10.600	-6.0	87	0.00
70	n-Butylbenzene	10.000	11.555	-15.5	93	0.00
71	2-Chlorotoluene	10.000	11.284	-12.8	89	0.00
72 T	4-Ethyltoluene	10.000	11.593	-15.9	91	0.00
73 T	1,3,5-Trimethylbenzene	10.000	11.369	-13.7	96	0.00
74 T	1,2,4-Trimethylbenzene	10.000	10.332	-3.3	86	0.00
75 T	1,3-Dichlorobenzene	10.000	9.851	1.5	87	0.00
76 T	1,4-Dichlorobenzene	10.000	10.426	-4.3	87	0.00
77 T	1,2-Dichlorobenzene	10.000	10.185	-1.9	88	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	12.393	-23.9	133	0.00
79 T	Naphthalene	10.000	12.051	-20.5	94	0.00
80 T	Naphthalene,2-methyl-	10.000	14.267	-42.7#	90	0.00
81 T	1,2,4-Trichlorobenzene	10.000	11.255	-12.6	94	0.00

(#) = Out of Range

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