

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111323\
 Data File : VL040842.D
 Acq On : 13 Nov 2023 16:01
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL111323

Quant Time: Nov 13 16:44:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Nov 13 15:42:46 2023
 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	100	0.03
2 T	Dichlorodifluoromethane	10.000	8.722	12.8	99	0.04
3	Chlorodifluoromethane	10.000	8.913	10.9	100	0.04
4	Chloromethane	10.000	9.009	9.9	100	0.04
5 T	Vinyl Chloride	10.000	9.480	5.2	101	0.03
6 T	Bromomethane	10.000	9.123	8.8	100	0.03
7	Chloroethane	10.000	9.033	9.7	97	0.03
8 T	Dichlorotetrafluoroethane	10.000	8.969	10.3	100	0.03
9 T	Propene	10.000	9.146	8.5	101	0.04
10 T	Heptane	10.000	9.306	6.9	101	0.02
11 T	Trichlorofluoromethane	10.000	9.079	9.2	101	0.03
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.093	9.1	100	0.03
13	Ethanol	10.000	7.928	20.7	95	0.03
14 T	Bromoethene	10.000	9.707	2.9	103	0.03
15 T	Acetone	10.000	8.988	10.1	103	0.03
16 T	1,3-Butadiene	10.000	9.705	2.9	101	0.03
17	tert-Butyl alcohol	10.000	9.366	6.3	107	0.03
18 T	1,1-Dichloroethene	10.000	8.957	10.4	100	0.03
19 T	Isopropyl Alcohol	10.000	9.733	2.7	107	0.03
20 T	Methylene Chloride	10.000	8.217	17.8	102	0.03
21 T	Allyl Chloride	10.000	9.489	5.1	100	0.03
22 T	trans-1,2-Dichloroethene	10.000	8.564	14.4	93	0.02
23 T	Vinyl Acetate	10.000	9.808	1.9	97	0.03
24 T	1,1-Dichloroethane	10.000	7.860	21.4	82	0.02
25 T	Ethyl Acetate	10.000	9.463	5.4	102	0.02
26 T	Hexane	10.000	9.262	7.4	102	0.02
27 T	Carbon Disulfide	10.000	9.398	6.0	99	0.03
28 T	Methyl tert-Butyl Ether	10.000	8.499	15.0	88	0.03
29 T	Chloroform	10.000	9.048	9.5	99	0.03
30 T	Cyclohexane	10.000	9.383	6.2	102	0.02
31 T	cis-1,2-Dichloroethene	10.000	9.804	2.0	100	0.03
32 T	1,1,1-Trichloroethane	10.000	9.778	2.2	101	0.02
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	101	0.02
34 T	2-Butanone	10.000	9.759	2.4	98	0.03
35 T	Carbon Tetrachloride	10.000	10.045	-0.4	101	0.02
36 T	Benzene	10.000	9.300	7.0	101	0.02
37 T	1,2-Dichloroethane	10.000	9.440	5.6	100	0.02
38 T	Trichloroethene	10.000	8.842	11.6	99	0.02
39 T	1,2-Dichloropropane	10.000	9.173	8.3	100	0.02
40 T	1,4-Dioxane	10.000	8.652	13.5	103	0.02
41 T	Tetrahydrofuran	10.000	10.023	-0.2	103	0.02
42 T	Bromodichloromethane	10.000	9.494	5.1	99	0.02
43	Methyl Methacrylate	10.000	10.237	-2.4	103	0.02
44 T	2,2,4-Trimethylpentane	10.000	9.139	8.6	100	0.02
45 T	t-1,3-Dichloropropene	10.000	11.154	-11.5	103	0.02
46 T	cis-1,3-Dichloropropene	10.000	10.521	-5.2	100	0.02
47 T	1,1,2-Trichloroethane	10.000	9.201	8.0	100	0.02
48 T	Dibromochloromethane	10.000	9.923	0.8	100	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	Bromoform	10.000	10.442	-4.4	102	0.02
50 T	4-Methyl-2-Pentanone	10.000	9.883	1.2	101	0.02
51 T	2-Hexanone	10.000	10.158	-1.6	99	0.02
52 T	Tetrachloroethene	10.000	9.433	5.7	101	0.01
53 T	Toluene	10.000	9.534	4.7	100	0.02
54 T	1,2-Dibromoethane	10.000	9.982	0.2	101	0.02
55 I	Chlorobenzene-d5	10.000	10.000	0.0	101	0.01
56	1,1,1,2-Tetrachloroethane	10.000	9.170	8.3	101	0.02
57 T	Chlorobenzene	10.000	8.881	11.2	101	0.02
58 T	Ethyl Benzene	10.000	8.896	11.0	100	0.01
59 T	m/p-Xylene	20.000	17.529	12.4	100	0.01
60 T	o-Xylene	10.000	8.694	13.1	100	0.01
61 T	Styrene	10.000	9.611	3.9	102	0.01
62	Isopropylbenzene	10.000	8.642	13.6	100	0.01
63 T	1,1,2,2-Tetrachloroethane	10.000	8.852	11.5	100	0.01
64	n-propylbenzene	10.000	8.945	10.5	99	0.00
65	tert-Butylbenzene	10.000	8.851	11.5	100	0.02
66 T	Benzyl Chloride	10.000	9.910	0.9	102	0.00
67	sec-Butylbenzene	10.000	8.705	13.0	100	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	9.690	3.1	101	0.02
69	p-Isopropyltoluene	10.000	8.869	11.3	100	0.01
70	n-Butylbenzene	10.000	8.841	11.6	101	0.01
71	2-Chlorotoluene	10.000	8.772	12.3	100	0.01
72 T	4-Ethyltoluene	10.000	9.069	9.3	99	0.01
73 T	1,3,5-Trimethylbenzene	10.000	8.896	11.0	100	0.00
74 T	1,2,4-Trimethylbenzene	10.000	8.630	13.7	100	0.01
75 T	1,3-Dichlorobenzene	10.000	8.882	11.2	101	0.01
76 T	1,4-Dichlorobenzene	10.000	9.086	9.1	100	0.01
77 T	1,2-Dichlorobenzene	10.000	8.873	11.3	103	0.02
78 T	Hexachloro-1,3-Butadiene	10.000	8.074	19.3	102	0.01
79 T	Naphthalene	10.000	11.813	-18.1	109	0.02
80 T	Naphthalene,2-methyl-	10.000	14.443	-44.4#	134	0.00
81 T	1,2,4-Trichlorobenzene	10.000	9.904	1.0	106	0.02

(#) = Out of Range

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