

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040423\
 Data File : VL040307.D
 Acq On : 4 Apr 2023 16:13
 Operator : SY/MD
 Sample : 02168-03DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Quant Time: Apr 05 01:30:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 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	90	0.00
2 T	Dichlorodifluoromethane	10.000	0.516	94.8#	7	0.00
3	Chlorodifluoromethane	10.000	0.449	95.5#	5	-0.01
4	Chloromethane	10.000	0.444	95.6#	4	0.00
5 T	Vinyl Chloride	10.000	0.002	100.0#	0	0.00
6 T	Bromomethane	10.000	0.000	100.0#	0	-3.11#
7	Chloroethane	10.000	0.005	99.9#	0	0.00
8 T	Dichlorotetrafluoroethane	10.000	0.012	99.9#	0	0.00
9 T	Propene	10.000	34.199	-242.0#	349	0.00
10 T	Heptane	10.000	0.172	98.3#	2	0.00
11 T	Trichlorofluoromethane	10.000	0.207	97.9#	2	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	0.000	100.0#	0	-4.06#
13	Ethanol	10.000	676.113	-6661.1#	7118	-0.02
14 T	Bromoethene	10.000	0.003	100.0#	0	-0.02
15 T	Acetone	10.000	147.419	-1374.2#	1493	0.00
16 T	1,3-Butadiene	10.000	0.000	100.0#	0	-2.98#
17	tert-Butyl alcohol	10.000	0.000	100.0#	0	-3.87#
18 T	1,1-Dichloroethene	10.000	0.002	100.0#	0	0.00
19 T	Isopropyl Alcohol	10.000	41.955	-319.6#	402	0.00
20 T	Methylene Chloride	10.000	4.827	51.7#	49	0.00
21 T	Allyl Chloride	10.000	0.000	100.0#	0	-3.99#
22 T	trans-1,2-Dichloroethene	10.000	0.003	100.0#	0	0.00
23 T	Vinyl Acetate	10.000	0.000	100.0#	0	-4.62#
24 T	1,1-Dichloroethane	10.000	0.003	100.0#	0	0.00
25 T	Ethyl Acetate	10.000	2.330	76.7#	23	0.00
26 T	Hexane	10.000	1.615	83.9#	16	0.00
27 T	Carbon Disulfide	10.000	0.018	99.8#	0	0.00
28 T	Methyl tert-Butyl Ether	10.000	0.005	99.9#	0	0.00
29 T	Chloroform	10.000	0.188	98.1#	2	0.00
30 T	Cyclohexane	10.000	0.000	100.0#	0	-6.60#
31 T	cis-1,2-Dichloroethene	10.000	0.000	100.0#	0	-5.08#
32 T	1,1,1-Trichloroethane	10.000	0.001	100.0#	0	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	83	0.00
34 T	2-Butanone	10.000	0.336	96.6#	3	0.00
35 T	Carbon Tetrachloride	10.000	0.076	99.2#	1	0.00
36 T	Benzene	10.000	0.408	95.9#	3	0.00
37 T	1,2-Dichloroethane	10.000	0.023	99.8#	0	0.00
38 T	Trichloroethene	10.000	0.007	99.9#	0	0.00
39 T	1,2-Dichloropropane	10.000	0.000	100.0#	0	-7.07#
40 T	1,4-Dioxane	10.000	0.004	100.0#	0	0.03
41 T	Tetrahydrofuran	10.000	0.000	100.0#	0	-5.55#
42 T	Bromodichloromethane	10.000	0.006	99.9#	0	0.00
43	Methyl Methacrylate	10.000	0.012	99.9#	0	0.00
44 T	2,2,4-Trimethylpentane	10.000	0.173	98.3#	1	0.00
45 T	t-1,3-Dichloropropene	10.000	0.002	100.0#	0	-0.40
46 T	cis-1,3-Dichloropropene	10.000	0.001	100.0#	0	0.02
47 T	1,1,2-Trichloroethane	10.000	0.001	100.0#	0	-0.02
48 T	Dibromochloromethane	10.000	0.000	100.0#	0	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	Bromoform	10.000	0.001	100.0#	0	0.00
50 T	4-Methyl-2-Pentanone	10.000	0.014	99.9#	0	0.00
51 T	2-Hexanone	10.000	0.000	100.0#	0	-9.55#
52 T	Tetrachloroethene	10.000	0.105	98.9#	1	0.00
53 T	Toluene	10.000	1.061	89.4#	8	0.00
54 T	1,2-Dibromoethane	10.000	0.001	100.0#	0	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	63	0.00
56	1,1,1,2-Tetrachloroethane	10.000	0.001	100.0#	0	0.00
57 T	Chlorobenzene	10.000	0.002	100.0#	0	0.00
58 T	Ethyl Benzene	10.000	0.146	98.5#	1	0.00
59 T	m/p-Xylene	20.000	0.352	98.2#	1	-0.04
60 T	o-Xylene	10.000	0.137	98.6#	1	-0.01
61 T	Styrene	10.000	0.015	99.8#	0	-0.02
62	Isopropylbenzene	10.000	0.003	100.0#	0	-0.02
63 T	1,1,2,2-Tetrachloroethane	10.000	0.002	100.0#	0	0.00
64	n-propylbenzene	10.000	0.001	100.0#	0	0.30
65	tert-Butylbenzene	10.000	0.003	100.0#	0	-0.02
66 T	Benzyl Chloride	10.000	0.007	99.9#	0	-0.02
67	sec-Butylbenzene	10.000	0.001	100.0#	0	-0.44
68 S	1-Bromo-4-Fluorobenzene	10.000	10.233	-2.3	66	0.00
69	p-Isopropyltoluene	10.000	0.003	100.0#	0	-0.02
70	n-Butylbenzene	10.000	0.004	100.0#	0	-0.02
71	2-Chlorotoluene	10.000	0.004	100.0#	0	0.00
72 T	4-Ethyltoluene	10.000	0.007	99.9#	0	-0.02
73 T	1,3,5-Trimethylbenzene	10.000	0.018	99.8#	0	0.00
74 T	1,2,4-Trimethylbenzene	10.000	0.000	100.0#	0	-16.12#
75 T	1,3-Dichlorobenzene	10.000	0.002	100.0#	0	0.00
76 T	1,4-Dichlorobenzene	10.000	0.015	99.8#	0	-0.01
77 T	1,2-Dichlorobenzene	10.000	0.001	100.0#	0	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	0.001	100.0#	0	-0.02
79 T	Naphthalene	10.000	0.003	100.0#	0	-0.02
80 T	Naphthalene,2-methyl-	10.000	0.006	99.9#	0	0.12
81 T	1,2,4-Trichlorobenzene	10.000	0.001	100.0#	0	-0.01

(#) = Out of Range

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