

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042825\
 Data File : VL042416.D
 Acq On : 28 Apr 2025 08:44
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 29 01:31:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Apr 18 02:14:00 2025
 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	10.165	-1.6	105	0.00
3	Chlorodifluoromethane	10.000	9.360	6.4	97	0.00
4	Chloromethane	10.000	9.988	0.1	104	0.00
5 T	Vinyl Chloride	10.000	8.925	10.7	103	0.00
6 T	Bromomethane	10.000	9.376	6.2	98	0.00
7	Chloroethane	10.000	9.600	4.0	102	0.00
8 T	Dichlorotetrafluoroethane	10.000	10.223	-2.2	105	0.00
9 T	Propene	10.000	8.131	18.7	88	0.00
10 T	Heptane	10.000	7.837	21.6	87	0.00
11 T	Trichlorofluoromethane	10.000	10.286	-2.9	107	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.733	2.7	102	0.00
13	Ethanol	10.000	3.104	69.0#	104	0.00
14 T	Bromoethene	10.000	10.010	-0.1	103	0.00
15 T	Acetone	10.000	8.623	13.8	109	0.00
16 T	1,3-Butadiene	10.000	8.880	11.2	104	0.00
17	tert-Butyl alcohol	10.000	9.164	8.4	100	0.00
18 T	1,1-Dichloroethene	10.000	9.420	5.8	101	0.00
19 T	Isopropyl Alcohol	10.000	9.105	8.9	98	0.00
20 T	Methylene Chloride	10.000	7.992	20.1	100	0.00
21 T	Allyl Chloride	10.000	9.081	9.2	103	0.00
22 T	trans-1,2-Dichloroethene	10.000	9.153	8.5	98	0.00
23 T	Vinyl Acetate	10.000	8.030	19.7	93	0.00
24 T	1,1-Dichloroethane	10.000	9.634	3.7	101	0.00
25 T	Ethyl Acetate	10.000	8.634	13.7	92	0.00
26 T	Hexane	10.000	8.370	16.3	93	0.00
27 T	Carbon Disulfide	10.000	9.637	3.6	98	0.00
28 T	Methyl tert-Butyl Ether	10.000	8.922	10.8	99	0.00
29 T	Chloroform	10.000	9.975	0.3	104	0.00
30 T	Cyclohexane	10.000	8.849	11.5	91	0.00
31 T	cis-1,2-Dichloroethene	10.000	9.581	4.2	99	0.00
32 T	1,1,1-Trichloroethane	10.000	9.501	5.0	106	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	94	0.00
34 T	2-Butanone	10.000	8.834	11.7	96	0.00
35 T	Carbon Tetrachloride	10.000	9.783	2.2	108	0.00
36 T	Benzene	10.000	9.102	9.0	92	0.00
37 T	1,2-Dichloroethane	10.000	10.564	-5.6	109	0.00
38 T	Trichloroethene	10.000	8.406	15.9	94	0.00
39 T	1,2-Dichloropropane	10.000	8.813	11.9	90	0.00
40 T	1,4-Dioxane	10.000	7.720	22.8	88	0.00
41 T	Tetrahydrofuran	10.000	8.363	16.4	89	0.00
42 T	Bromodichloromethane	10.000	9.996	0.0	100	0.00
43	Methyl Methacrylate	10.000	8.230	17.7	88	0.00
44 T	2,2,4-Trimethylpentane	10.000	8.750	12.5	90	0.00
45 T	t-1,3-Dichloropropene	10.000	9.175	8.2	93	0.00
46 T	cis-1,3-Dichloropropene	10.000	9.117	8.8	92	0.00
47 T	1,1,2-Trichloroethane	10.000	9.471	5.3	97	0.00
48 T	Dibromochloromethane	10.000	9.832	1.7	99	0.00

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

49 T	Bromoform	10.000	9.117	8.8	88	0.00
50 T	4-Methyl-2-Pentanone	10.000	7.854	21.5	90	0.00
51 T	2-Hexanone	10.000	7.058	29.4	88	0.00
52 T	Tetrachloroethene	10.000	7.928	20.7	87	0.00
53 T	Toluene	10.000	8.916	10.8	91	0.00
54 T	1,2-Dibromoethane	10.000	9.378	6.2	96	0.00

55 I	Chlorobenzene-d5	10.000	10.000	0.0	90	0.00
56	1,1,1,2-Tetrachloroethane	10.000	9.969	0.3	99	0.00
57 T	Chlorobenzene	10.000	9.471	5.3	93	0.00
58 T	Ethyl Benzene	10.000	9.394	6.1	92	0.00
59 T	m/p-Xylene	20.000	19.073	4.6	94	0.00
60 T	o-Xylene	10.000	9.507	4.9	96	0.00
61 T	Styrene	10.000	9.101	9.0	87	0.00
62	Isopropylbenzene	10.000	9.452	5.5	93	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	8.639	13.6	93	0.00
64	n-propylbenzene	10.000	9.223	7.8	91	0.00
65	tert-Butylbenzene	10.000	9.219	7.8	95	0.00
66 T	Benzyl Chloride	10.000	8.136	18.6	71	0.00
67	sec-Butylbenzene	10.000	9.276	7.2	95	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	10.533	-5.3	94	0.00
69	p-Isopropyltoluene	10.000	9.155	8.5	94	0.00
70	n-Butylbenzene	10.000	9.188	8.1	96	0.00
71	2-Chlorotoluene	10.000	9.467	5.3	93	0.00
72 T	4-Ethyltoluene	10.000	9.280	7.2	93	0.00
73 T	1,3,5-Trimethylbenzene	10.000	9.201	8.0	95	0.00
74 T	1,2,4-Trimethylbenzene	10.000	8.759	12.4	96	0.00
75 T	1,3-Dichlorobenzene	10.000	8.936	10.6	90	0.00
76 T	1,4-Dichlorobenzene	10.000	8.991	10.1	91	0.00
77 T	1,2-Dichlorobenzene	10.000	8.956	10.4	92	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	8.419	15.8	91	0.00
79 T	Naphthalene	10.000	8.418	15.8	92	0.00
80 T	Naphthalene,2-methyl-	10.000	7.783	22.2	87	0.00
81 T	1,2,4-Trichlorobenzene	10.000	8.493	15.1	88	0.00

(#) = Out of Range

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