

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041825\
 Data File : VL042383.D
 Acq On : 18 Apr 2025 10:23
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 18 22:55:20 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	108	0.00
2 T	Dichlorodifluoromethane	10.000	9.472	5.3	109	0.00
3	Chlorodifluoromethane	10.000	8.543	14.6	99	0.00
4	Chloromethane	10.000	8.929	10.7	104	0.00
5 T	Vinyl Chloride	10.000	8.003	20.0	103	0.00
6 T	Bromomethane	10.000	8.916	10.8	104	0.00
7	Chloroethane	10.000	8.836	11.6	104	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.373	6.3	108	0.00
9 T	Propene	10.000	7.641	23.6	92	0.00
10 T	Heptane	10.000	7.242	27.6	90	0.00
11 T	Trichlorofluoromethane	10.000	9.663	3.4	112	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.158	8.4	106	0.00
13	Ethanol	10.000	2.592	74.1#	97	0.00
14 T	Bromoethene	10.000	9.442	5.6	108	0.00
15 T	Acetone	10.000	7.732	22.7	109	0.00
16 T	1,3-Butadiene	10.000	7.945	20.5	104	0.00
17	tert-Butyl alcohol	10.000	8.353	16.5	102	0.00
18 T	1,1-Dichloroethene	10.000	9.121	8.8	109	0.00
19 T	Isopropyl Alcohol	10.000	8.208	17.9	98	0.00
20 T	Methylene Chloride	10.000	7.556	24.4	106	0.00
21 T	Allyl Chloride	10.000	8.263	17.4	104	0.00
22 T	trans-1,2-Dichloroethene	10.000	8.938	10.6	107	0.00
23 T	Vinyl Acetate	10.000	7.119	28.8	92	0.00
24 T	1,1-Dichloroethane	10.000	9.191	8.1	108	0.00
25 T	Ethyl Acetate	10.000	8.045	19.6	96	0.00
26 T	Hexane	10.000	7.989	20.1	99	0.00
27 T	Carbon Disulfide	10.000	8.818	11.8	100	0.00
28 T	Methyl tert-Butyl Ether	10.000	8.416	15.8	104	0.00
29 T	Chloroform	10.000	9.453	5.5	110	0.00
30 T	Cyclohexane	10.000	8.673	13.3	99	0.00
31 T	cis-1,2-Dichloroethene	10.000	9.000	10.0	104	0.00
32 T	1,1,1-Trichloroethane	10.000	9.097	9.0	113	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	117	0.00
34 T	2-Butanone	10.000	7.367	26.3	99	0.00
35 T	Carbon Tetrachloride	10.000	8.695	13.0	119	0.00
36 T	Benzene	10.000	7.842	21.6	98	0.00
37 T	1,2-Dichloroethane	10.000	8.638	13.6	110	0.00
38 T	Trichloroethene	10.000	7.964	20.4	111	0.00
39 T	1,2-Dichloropropane	10.000	7.458	25.4	95	0.00
40 T	1,4-Dioxane	10.000	6.962	30.4#	99	0.00
41 T	Tetrahydrofuran	10.000	6.984	30.2#	92	0.00
42 T	Bromodichloromethane	10.000	8.632	13.7	106	0.00
43	Methyl Methacrylate	10.000	7.098	29.0	94	0.00
44 T	2,2,4-Trimethylpentane	10.000	7.374	26.3	94	-0.01
45 T	t-1,3-Dichloropropene	10.000	7.756	22.4	98	-0.01
46 T	cis-1,3-Dichloropropene	10.000	7.729	22.7	96	0.00
47 T	1,1,2-Trichloroethane	10.000	8.199	18.0	104	0.00
48 T	Dibromochloromethane	10.000	8.931	10.7	111	0.00

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

49 T	Bromoform	10.000	9.086	9.1	109	0.00
50 T	4-Methyl-2-Pentanone	10.000	6.501	35.0#	92	0.00
51 T	2-Hexanone	10.000	5.874	41.3#	90	0.00
52 T	Tetrachloroethene	10.000	7.759	22.4	106	0.00
53 T	Toluene	10.000	7.886	21.1	100	0.00
54 T	1,2-Dibromoethane	10.000	8.347	16.5	106	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	112	0.00
56	1,1,1,2-Tetrachloroethane	10.000	9.038	9.6	112	0.00
57 T	Chlorobenzene	10.000	8.619	13.8	105	0.00
58 T	Ethyl Benzene	10.000	8.258	17.4	100	0.00
59 T	m/p-Xylene	20.000	16.726	16.4	103	0.00
60 T	o-Xylene	10.000	8.290	17.1	104	0.00
61 T	Styrene	10.000	8.253	17.5	98	0.00
62	Isopropylbenzene	10.000	8.422	15.8	103	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	7.520	24.8	101	0.00
64	n-propylbenzene	10.000	8.534	14.7	105	0.00
65	tert-Butylbenzene	10.000	8.367	16.3	107	0.00
66 T	Benzyl Chloride	10.000	6.664	33.4#	72	0.00
67	sec-Butylbenzene	10.000	8.295	17.1	105	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	9.924	0.8	110	0.00
69	p-Isopropyltoluene	10.000	8.315	16.9	106	0.00
70	n-Butylbenzene	10.000	8.039	19.6	104	0.00
71	2-Chlorotoluene	10.000	8.306	16.9	102	0.00
72 T	4-Ethyltoluene	10.000	8.256	17.4	103	0.00
73 T	1,3,5-Trimethylbenzene	10.000	8.220	17.8	105	0.00
74 T	1,2,4-Trimethylbenzene	10.000	7.794	22.1	106	0.00
75 T	1,3-Dichlorobenzene	10.000	8.644	13.6	108	0.00
76 T	1,4-Dichlorobenzene	10.000	8.477	15.2	107	0.00
77 T	1,2-Dichlorobenzene	10.000	8.751	12.5	111	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	9.061	9.4	122	0.00
79 T	Naphthalene	10.000	7.884	21.2	107	0.00
80 T	Naphthalene,2-methyl-	10.000	7.566	24.3	105	0.00
81 T	1,2,4-Trichlorobenzene	10.000	8.737	12.6	113	0.00

(#) = Out of Range

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