

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011624\
 Data File : VL040982.D
 Acq On : 16 Jan 2024 11:29
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 17 00:23:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 17 00:20:56 2024
 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	82	0.00
2 T	Dichlorodifluoromethane	10.000	10.418	-4.2	95	-0.05
3	Chlorodifluoromethane	10.000	11.156	-11.6	102	-0.05
4	Chloromethane	10.000	11.291	-12.9	103	-0.05
5 T	Vinyl Chloride	10.000	12.169	-21.7	106	-0.04
6 T	Bromomethane	10.000	11.033	-10.3	96	-0.04
7	Chloroethane	10.000	11.461	-14.6	102	-0.03
8 T	Dichlorotetrafluoroethane	10.000	11.552	-15.5	104	-0.05
9 T	Propene	10.000	11.536	-15.4	100	-0.05
10 T	Heptane	10.000	11.429	-14.3	99	0.02
11 T	Trichlorofluoromethane	10.000	11.933	-19.3	106	-0.03
12 T	1,1,2-Trichlorotrifluoroeth	10.000	10.979	-9.8	105	-0.02
13	Ethanol	10.000	8.961	10.4	89	-0.03
14 T	Bromoethene	10.000	12.093	-20.9	106	-0.03
15 T	Acetone	10.000	10.233	-2.3	105	-0.03
16 T	1,3-Butadiene	10.000	11.946	-19.5	103	-0.04
17	tert-Butyl alcohol	10.000	13.420	-34.2#	116	-0.02
18 T	1,1-Dichloroethene	10.000	11.888	-18.9	108	-0.02
19 T	Isopropyl Alcohol	10.000	12.537	-25.4	113	-0.03
20 T	Methylene Chloride	10.000	11.097	-11.0	107	-0.02
21 T	Allyl Chloride	10.000	11.431	-14.3	100	-0.02
22 T	trans-1,2-Dichloroethene	10.000	11.065	-10.6	90	0.00
23 T	Vinyl Acetate	10.000	10.185	-1.9	79	0.00
24 T	1,1-Dichloroethane	10.000	10.012	-0.1	86	0.00
25 T	Ethyl Acetate	10.000	9.998	0.0	85	0.00
26 T	Hexane	10.000	9.886	1.1	87	0.00
27 T	Carbon Disulfide	10.000	11.302	-13.0	105	-0.02
28 T	Methyl tert-Butyl Ether	10.000	10.294	-2.9	86	0.00
29 T	Chloroform	10.000	9.006	9.9	80	0.00
30 T	Cyclohexane	10.000	11.331	-13.3	97	0.02
31 T	cis-1,2-Dichloroethene	10.000	9.709	2.9	82	0.00
32 T	1,1,1-Trichloroethane	10.000	11.503	-15.0	99	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	97	0.02
34 T	2-Butanone	10.000	8.679	13.2	86	0.00
35 T	Carbon Tetrachloride	10.000	10.136	-1.4	99	0.02
36 T	Benzene	10.000	9.717	2.8	99	0.01
37 T	1,2-Dichloroethane	10.000	9.836	1.6	99	0.00
38 T	Trichloroethene	10.000	10.177	-1.8	103	0.02
39 T	1,2-Dichloropropane	10.000	9.714	2.9	99	0.02
40 T	1,4-Dioxane	10.000	9.292	7.1	100	0.03
41 T	Tetrahydrofuran	10.000	9.633	3.7	96	0.00
42 T	Bromodichloromethane	10.000	9.861	1.4	99	0.02
43	Methyl Methacrylate	10.000	10.261	-2.6	98	0.02
44 T	2,2,4-Trimethylpentane	10.000	9.440	5.6	99	0.02
45 T	t-1,3-Dichloropropene	10.000	10.823	-8.2	94	0.03
46 T	cis-1,3-Dichloropropene	10.000	10.409	-4.1	97	0.03
47 T	1,1,2-Trichloroethane	10.000	9.654	3.5	99	0.03
48 T	Dibromochloromethane	10.000	10.021	-0.2	98	0.03

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

49 T	Bromoform	10.000	10.370	-3.7	98	0.04
50 T	4-Methyl-2-Pentanone	10.000	9.915	0.9	98	0.03
51 T	2-Hexanone	10.000	10.193	-1.9	97	0.04
52 T	Tetrachloroethene	10.000	9.840	1.6	98	0.04
53 T	Toluene	10.000	9.978	0.2	99	0.04
54 T	1,2-Dibromoethane	10.000	10.083	-0.8	96	0.04
55 I	Chlorobenzene-d5	10.000	10.000	0.0	95	0.04
56	1,1,1,2-Tetrachloroethane	10.000	9.550	4.5	99	0.04
57 T	Chlorobenzene	10.000	9.274	7.3	99	0.04
58 T	Ethyl Benzene	10.000	9.456	5.4	99	0.04
59 T	m/p-Xylene	20.000	18.722	6.4	99	0.05
60 T	o-Xylene	10.000	9.417	5.8	99	0.05
61 T	Styrene	10.000	10.271	-2.7	97	0.05
62	Isopropylbenzene	10.000	9.266	7.3	99	0.05
63 T	1,1,2,2-Tetrachloroethane	10.000	9.409	5.9	98	0.04
64	n-propylbenzene	10.000	9.581	4.2	98	0.05
65	tert-Butylbenzene	10.000	9.554	4.5	99	0.05
66 T	Benzyl Chloride	10.000	7.186	28.1	60	0.05
67	sec-Butylbenzene	10.000	9.182	8.2	98	0.05
68 S	1-Bromo-4-Fluorobenzene	10.000	9.952	0.5	97	0.05
69	p-Isopropyltoluene	10.000	9.467	5.3	97	0.05
70	n-Butylbenzene	10.000	9.544	4.6	97	0.05
71	2-Chlorotoluene	10.000	9.324	6.8	98	0.05
72 T	4-Ethyltoluene	10.000	9.904	1.0	98	0.05
73 T	1,3,5-Trimethylbenzene	10.000	9.673	3.3	96	0.04
74 T	1,2,4-Trimethylbenzene	10.000	9.663	3.4	98	0.05
75 T	1,3-Dichlorobenzene	10.000	9.465	5.4	96	0.05
76 T	1,4-Dichlorobenzene	10.000	9.430	5.7	96	0.05
77 T	1,2-Dichlorobenzene	10.000	9.309	6.9	95	0.05
78 T	Hexachloro-1,3-Butadiene	10.000	8.188	18.1	95	0.06
79 T	Naphthalene	10.000	13.255	-32.6#	104	0.06
80 T	Naphthalene,2-methyl-	10.000	13.734	-37.3#	124	0.04
81 T	1,2,4-Trichlorobenzene	10.000	11.145	-11.4	97	0.05

(#) = Out of Range

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