

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061523\
 Data File : VL040482.D
 Acq On : 16 Jun 2023 8:32
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Jun 16 10:06:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jun 06 06:22:12 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	103	0.00
2 T	Dichlorodifluoromethane	10.000	8.908	10.9	100	0.02
3	Chlorodifluoromethane	10.000	9.558	4.4	107	0.02
4	Chloromethane	10.000	10.482	-4.8	116	0.02
5 T	Vinyl Chloride	10.000	10.789	-7.9	110	0.02
6 T	Bromomethane	10.000	11.622	-16.2	125	0.01
7	Chloroethane	10.000	10.085	-0.9	111	0.01
8 T	Dichlorotetrafluoroethane	10.000	9.013	9.9	98	0.01
9 T	Propene	10.000	11.316	-13.2	128	0.02
10 T	Heptane	10.000	11.676	-16.8	115	0.00
11 T	Trichlorofluoromethane	10.000	8.200	18.0	90	0.01
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.003	10.0	95	0.01
13	Ethanol	10.000	9.557	4.4	101	0.00
14 T	Bromoethene	10.000	9.228	7.7	97	0.01
15 T	Acetone	10.000	9.300	7.0	110	0.01
16 T	1,3-Butadiene	10.000	10.680	-6.8	113	0.02
17	tert-Butyl alcohol	10.000	11.188	-11.9	121	0.01
18 T	1,1-Dichloroethene	10.000	9.060	9.4	94	0.01
19 T	Isopropyl Alcohol	10.000	11.665	-16.6	123	0.02
20 T	Methylene Chloride	10.000	8.536	14.6	102	0.00
21 T	Allyl Chloride	10.000	12.390	-23.9	130	0.01
22 T	trans-1,2-Dichloroethene	10.000	9.364	6.4	95	0.01
23 T	Vinyl Acetate	10.000	12.420	-24.2	125	0.01
24 T	1,1-Dichloroethane	10.000	9.413	5.9	101	0.01
25 T	Ethyl Acetate	10.000	10.467	-4.7	113	0.00
26 T	Hexane	10.000	10.282	-2.8	116	0.00
27 T	Carbon Disulfide	10.000	10.209	-2.1	98	0.01
28 T	Methyl tert-Butyl Ether	10.000	10.698	-7.0	110	0.00
29 T	Chloroform	10.000	9.107	8.9	98	0.00
30 T	Cyclohexane	10.000	10.840	-8.4	117	0.00
31 T	cis-1,2-Dichloroethene	10.000	10.611	-6.1	109	0.01
32 T	1,1,1-Trichloroethane	10.000	8.936	10.6	93	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	108	0.00
34 T	2-Butanone	10.000	9.644	3.6	109	0.00
35 T	Carbon Tetrachloride	10.000	8.825	11.8	92	0.00
36 T	Benzene	10.000	10.745	-7.4	116	0.00
37 T	1,2-Dichloroethane	10.000	8.896	11.0	97	0.00
38 T	Trichloroethene	10.000	10.646	-6.5	107	0.00
39 T	1,2-Dichloropropane	10.000	10.595	-6.0	116	0.00
40 T	1,4-Dioxane	10.000	11.990	-19.9	133	0.00
41 T	Tetrahydrofuran	10.000	11.890	-18.9	127	0.00
42 T	Bromodichloromethane	10.000	9.113	8.9	96	0.00
43	Methyl Methacrylate	10.000	12.006	-20.1	117	0.00
44 T	2,2,4-Trimethylpentane	10.000	10.699	-7.0	115	0.00
45 T	t-1,3-Dichloropropene	10.000	17.809	-78.1#	163	0.00
46 T	cis-1,3-Dichloropropene	10.000	18.225	-82.3#	174	0.00
47 T	1,1,2-Trichloroethane	10.000	9.992	0.1	109	0.00
48 T	Dibromochloromethane	10.000	9.990	0.1	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	Bromoform	10.000	10.219	-2.2	99	0.00
50 T	4-Methyl-2-Pentanone	10.000	11.754	-17.5	119	0.00
51 T	2-Hexanone	10.000	12.595	-26.0	125	0.00
52 T	Tetrachloroethene	10.000	11.698	-17.0	115	0.00
53 T	Toluene	10.000	11.546	-15.5	115	0.00
54 T	1,2-Dibromoethane	10.000	11.327	-13.3	110	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	105	0.00
56	1,1,1,2-Tetrachloroethane	10.000	8.899	11.0	99	0.00
57 T	Chlorobenzene	10.000	9.855	1.4	108	0.00
58 T	Ethyl Benzene	10.000	10.864	-8.6	108	0.00
59 T	m/p-Xylene	20.000	19.690	1.5	101	0.00
60 T	o-Xylene	10.000	9.833	1.7	100	0.00
61 T	Styrene	10.000	12.423	-24.2	109	0.00
62	Isopropylbenzene	10.000	9.588	4.1	101	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	9.760	2.4	104	0.00
64	n-propylbenzene	10.000	9.972	0.3	102	0.00
65	tert-Butylbenzene	10.000	9.589	4.1	100	0.00
66 T	Benzyl Chloride	10.000	16.129	-61.3#	161	0.00
67	sec-Butylbenzene	10.000	9.254	7.5	97	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	9.394	6.1	98	0.00
69	p-Isopropyltoluene	10.000	9.730	2.7	99	0.00
70	n-Butylbenzene	10.000	9.174	8.3	94	0.00
71	2-Chlorotoluene	10.000	9.801	2.0	98	0.00
72 T	4-Ethyltoluene	10.000	10.085	-0.9	99	0.00
73 T	1,3,5-Trimethylbenzene	10.000	9.810	1.9	98	0.00
74 T	1,2,4-Trimethylbenzene	10.000	9.014	9.9	94	0.00
75 T	1,3-Dichlorobenzene	10.000	9.448	5.5	100	0.00
76 T	1,4-Dichlorobenzene	10.000	9.409	5.9	98	0.00
77 T	1,2-Dichlorobenzene	10.000	9.563	4.4	102	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	10.928	-9.3	126	0.00
79 T	Naphthalene	10.000	16.239	-62.4#	132	0.00
80 T	Naphthalene,2-methyl-	10.000	21.605	-116.1#	165	0.00
81 T	1,2,4-Trichlorobenzene	10.000	14.063	-40.6#	125	0.00

(#) = Out of Range

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