

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070124\
 Data File : VL041379.D
 Acq On : 1 Jul 2024 22:35
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 01 23:35:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 01 23:27:24 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	89	0.01
2 T	Dichlorodifluoromethane	10.000	8.981	10.2	95	0.05
3	Chlorodifluoromethane	10.000	8.877	11.2	93	0.05
4	Chloromethane	10.000	8.984	10.2	92	0.05
5 T	Vinyl Chloride	10.000	8.793	12.1	94	0.05
6 T	Bromomethane	10.000	6.780	32.2#	67	0.04
7	Chloroethane	10.000	9.371	6.3	98	0.04
8 T	Dichlorotetrafluoroethane	10.000	9.311	6.9	97	0.05
9 T	Propene	10.000	8.901	11.0	92	0.05
10 T	Heptane	10.000	9.363	6.4	94	0.00
11 T	Trichlorofluoromethane	10.000	9.307	6.9	96	0.03
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.075	9.3	94	0.03
13	Ethanol	10.000	10.957	-9.6	114	0.04
14 T	Bromoethene	10.000	9.490	5.1	93	0.04
15 T	Acetone	10.000	8.377	16.2	92	0.04
16 T	1,3-Butadiene	10.000	9.659	3.4	90	0.05
17	tert-Butyl alcohol	10.000	10.702	-7.0	101	0.03
18 T	1,1-Dichloroethene	10.000	9.205	7.9	90	0.03
19 T	Isopropyl Alcohol	10.000	11.529	-15.3	120	0.03
20 T	Methylene Chloride	10.000	8.123	18.8	92	0.03
21 T	Allyl Chloride	10.000	8.551	14.5	84	0.03
22 T	trans-1,2-Dichloroethene	10.000	9.148	8.5	91	0.02
23 T	Vinyl Acetate	10.000	9.475	5.3	89	0.02
24 T	1,1-Dichloroethane	10.000	9.201	8.0	93	0.02
25 T	Ethyl Acetate	10.000	9.044	9.6	94	0.01
26 T	Hexane	10.000	9.018	9.8	92	0.01
27 T	Carbon Disulfide	10.000	9.394	6.1	91	0.03
28 T	Methyl tert-Butyl Ether	10.000	9.116	8.8	92	0.02
29 T	Chloroform	10.000	9.151	8.5	96	0.01
30 T	Cyclohexane	10.000	9.400	6.0	93	0.00
31 T	cis-1,2-Dichloroethene	10.000	9.250	7.5	91	0.01
32 T	1,1,1-Trichloroethane	10.000	8.598	14.0	94	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	91	0.00
34 T	2-Butanone	10.000	9.366	6.3	91	0.02
35 T	Carbon Tetrachloride	10.000	8.797	12.0	94	0.00
36 T	Benzene	10.000	9.239	7.6	94	0.00
37 T	1,2-Dichloroethane	10.000	9.197	8.0	93	0.00
38 T	Trichloroethene	10.000	8.466	15.3	98	0.00
39 T	1,2-Dichloropropane	10.000	9.188	8.1	94	0.00
40 T	1,4-Dioxane	10.000	11.778	-17.8	137	0.00
41 T	Tetrahydrofuran	10.000	9.374	6.3	90	0.01
42 T	Bromodichloromethane	10.000	9.384	6.2	94	0.00
43	Methyl Methacrylate	10.000	9.929	0.7	94	0.00
44 T	2,2,4-Trimethylpentane	10.000	9.080	9.2	94	0.00
45 T	t-1,3-Dichloropropene	10.000	7.157	28.4	63	-0.01
46 T	cis-1,3-Dichloropropene	10.000	7.679	23.2	72	-0.01
47 T	1,1,2-Trichloroethane	10.000	9.180	8.2	95	0.00
48 T	Dibromochloromethane	10.000	9.658	3.4	94	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	Bromoform	10.000	9.693	3.1	92	-0.02
50 T	4-Methyl-2-Pentanone	10.000	9.215	7.9	92	0.00
51 T	2-Hexanone	10.000	9.011	9.9	90	-0.02
52 T	Tetrachloroethene	10.000	8.248	17.5	95	-0.02
53 T	Toluene	10.000	9.498	5.0	93	-0.02
54 T	1,2-Dibromoethane	10.000	8.938	10.6	86	-0.02
55 I	Chlorobenzene-d5	10.000	10.000	0.0	91	-0.02
56	1,1,1,2-Tetrachloroethane	10.000	9.081	9.2	96	-0.02
57 T	Chlorobenzene	10.000	8.970	10.3	96	-0.03
58 T	Ethyl Benzene	10.000	9.357	6.4	96	-0.02
59 T	m/p-Xylene	20.000	18.365	8.2	95	-0.02
60 T	o-Xylene	10.000	9.213	7.9	96	-0.02
61 T	Styrene	10.000	9.702	3.0	91	-0.03
62	Isopropylbenzene	10.000	9.098	9.0	97	-0.02
63 T	1,1,2,2-Tetrachloroethane	10.000	8.323	16.8	96	-0.03
64	n-propylbenzene	10.000	9.006	9.9	94	-0.03
65	tert-Butylbenzene	10.000	9.105	8.9	97	-0.03
66 T	Benzyl Chloride	10.000	6.272	37.3#	63	-0.02
67	sec-Butylbenzene	10.000	9.120	8.8	97	-0.03
68 S	1-Bromo-4-Fluorobenzene	10.000	9.606	3.9	88	-0.03
69	p-Isopropyltoluene	10.000	9.296	7.0	97	-0.03
70	n-Butylbenzene	10.000	9.430	5.7	97	-0.03
71	2-Chlorotoluene	10.000	9.097	9.0	95	-0.03
72 T	4-Ethyltoluene	10.000	9.467	5.3	97	-0.03
73 T	1,3,5-Trimethylbenzene	10.000	9.701	3.0	98	-0.03
74 T	1,2,4-Trimethylbenzene	10.000	9.464	5.4	97	-0.03
75 T	1,3-Dichlorobenzene	10.000	9.198	8.0	94	-0.03
76 T	1,4-Dichlorobenzene	10.000	9.051	9.5	93	-0.03
77 T	1,2-Dichlorobenzene	10.000	8.984	10.2	95	-0.03
78 T	Hexachloro-1,3-Butadiene	10.000	3.111	68.9#	37	-0.04
79 T	Naphthalene	10.000	2.399	76.0#	19	-0.03
80 T	Naphthalene,2-methyl-	10.000	0.074	99.3#	1	0.03
81 T	1,2,4-Trichlorobenzene	10.000	3.127	68.7#	28	-0.03

(#) = Out of Range

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