

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012524\
 Data File : VL041032.D
 Acq On : 25 Jan 2024 16:34
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 26 00:29:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 26 00:23:09 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	97	0.03
2 T	Dichlorodifluoromethane	10.000	9.629	3.7	106	0.02
3	Chlorodifluoromethane	10.000	9.590	4.1	106	0.02
4	Chloromethane	10.000	9.505	4.9	104	0.02
5 T	Vinyl Chloride	10.000	10.122	-1.2	102	0.02
6 T	Bromomethane	10.000	6.945	30.6#	74	0.02
7	Chloroethane	10.000	9.707	2.9	104	0.02
8 T	Dichlorotetrafluoroethane	10.000	9.523	4.8	104	0.02
9 T	Propene	10.000	9.818	1.8	108	0.02
10 T	Heptane	10.000	9.869	1.3	102	0.03
11 T	Trichlorofluoromethane	10.000	9.549	4.5	102	0.02
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.195	8.0	99	0.02
13	Ethanol	10.000	7.328	26.7	86	0.02
14 T	Bromoethene	10.000	10.127	-1.3	105	0.02
15 T	Acetone	10.000	9.303	7.0	110	0.02
16 T	1,3-Butadiene	10.000	10.040	-0.4	105	0.02
17	tert-Butyl alcohol	10.000	9.590	4.1	93	0.03
18 T	1,1-Dichloroethene	10.000	9.536	4.6	101	0.02
19 T	Isopropyl Alcohol	10.000	9.264	7.4	96	0.03
20 T	Methylene Chloride	10.000	8.749	12.5	101	0.03
21 T	Allyl Chloride	10.000	8.892	11.1	93	0.02
22 T	trans-1,2-Dichloroethene	10.000	9.263	7.4	97	0.02
23 T	Vinyl Acetate	10.000	9.204	8.0	95	0.03
24 T	1,1-Dichloroethane	10.000	9.246	7.5	98	0.03
25 T	Ethyl Acetate	10.000	9.824	1.8	103	0.03
26 T	Hexane	10.000	9.887	1.1	104	0.03
27 T	Carbon Disulfide	10.000	10.160	-1.6	100	0.02
28 T	Methyl tert-Butyl Ether	10.000	8.849	11.5	93	0.03
29 T	Chloroform	10.000	9.751	2.5	104	0.03
30 T	Cyclohexane	10.000	9.716	2.8	99	0.03
31 T	cis-1,2-Dichloroethene	10.000	10.806	-8.1	115	0.03
32 T	1,1,1-Trichloroethane	10.000	10.024	-0.2	102	0.03
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	92	0.03
34 T	2-Butanone	10.000	10.530	-5.3	101	0.03
35 T	Carbon Tetrachloride	10.000	10.977	-9.8	102	0.03
36 T	Benzene	10.000	10.310	-3.1	100	0.03
37 T	1,2-Dichloroethane	10.000	10.454	-4.5	101	0.02
38 T	Trichloroethene	10.000	9.944	0.6	97	0.03
39 T	1,2-Dichloropropane	10.000	10.259	-2.6	100	0.03
40 T	1,4-Dioxane	10.000	9.959	0.4	96	0.03
41 T	Tetrahydrofuran	10.000	10.515	-5.2	96	0.03
42 T	Bromodichloromethane	10.000	10.818	-8.2	102	0.03
43	Methyl Methacrylate	10.000	11.094	-10.9	99	0.03
44 T	2,2,4-Trimethylpentane	10.000	10.443	-4.4	103	0.03
45 T	t-1,3-Dichloropropene	10.000	7.245	27.5	60	0.03
46 T	cis-1,3-Dichloropropene	10.000	7.769	22.3	68	0.03
47 T	1,1,2-Trichloroethane	10.000	10.433	-4.3	100	0.03
48 T	Dibromochloromethane	10.000	10.872	-8.7	100	0.03

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

49 T	Bromoform	10.000	11.694	-16.9	102	0.03
50 T	4-Methyl-2-Pentanone	10.000	11.189	-11.9	103	0.03
51 T	2-Hexanone	10.000	10.980	-9.8	99	0.03
52 T	Tetrachloroethene	10.000	10.578	-5.8	98	0.03
53 T	Toluene	10.000	10.856	-8.6	100	0.03
54 T	1,2-Dibromoethane	10.000	10.062	-0.6	91	0.03
55 I	Chlorobenzene-d5	10.000	10.000	0.0	94	0.03
56	1,1,1,2-Tetrachloroethane	10.000	10.208	-2.1	103	0.03
57 T	Chlorobenzene	10.000	9.684	3.2	100	0.03
58 T	Ethyl Benzene	10.000	10.299	-3.0	101	0.03
59 T	m/p-Xylene	20.000	20.364	-1.8	102	0.03
60 T	o-Xylene	10.000	10.290	-2.9	103	0.03
61 T	Styrene	10.000	10.936	-9.4	98	0.03
62	Isopropylbenzene	10.000	10.080	-0.8	103	0.03
63 T	1,1,2,2-Tetrachloroethane	10.000	9.848	1.5	104	0.03
64	n-propylbenzene	10.000	10.150	-1.5	102	0.03
65	tert-Butylbenzene	10.000	10.064	-0.6	102	0.03
66 T	Benzyl Chloride	10.000	5.702	43.0#	53	0.03
67	sec-Butylbenzene	10.000	9.898	1.0	103	0.03
68 S	1-Bromo-4-Fluorobenzene	10.000	10.257	-2.6	97	0.03
69	p-Isopropyltoluene	10.000	10.076	-0.8	100	0.03
70	n-Butylbenzene	10.000	10.136	-1.4	102	0.03
71	2-Chlorotoluene	10.000	10.082	-0.8	101	0.03
72 T	4-Ethyltoluene	10.000	10.308	-3.1	101	0.03
73 T	1,3,5-Trimethylbenzene	10.000	10.133	-1.3	101	0.03
74 T	1,2,4-Trimethylbenzene	10.000	9.918	0.8	101	0.03
75 T	1,3-Dichlorobenzene	10.000	9.815	1.9	100	0.03
76 T	1,4-Dichlorobenzene	10.000	9.548	4.5	98	0.03
77 T	1,2-Dichlorobenzene	10.000	9.575	4.3	99	0.02
78 T	Hexachloro-1,3-Butadiene	10.000	8.261	17.4	96	0.03
79 T	Naphthalene	10.000	11.575	-15.7	90	0.03
80 T	Naphthalene,2-methyl-	10.000	11.617	-16.2	88	0.02
81 T	1,2,4-Trichlorobenzene	10.000	9.937	0.6	93	0.03

(#) = Out of Range

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