

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL101221\
 Data File : VL037828.D
 Acq On : 12 Oct 2021 11:56
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 14 01:10:52 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
 QLast Update : Mon Oct 04 17:43:54 2021
 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	93	0.00
2 T	Dichlorodifluoromethane	1.597	1.263	20.9	96	0.00
3	Chlorodifluoromethane	1.921	1.753	8.7	93	0.00
4	Chloromethane	0.704	0.658	6.5	94	0.00
5 T	Vinyl Chloride	0.645	0.659	-2.2	93	0.00
6 T	Bromomethane	0.349	0.341	2.3	98	0.00
7	Chloroethane	0.237	0.234	1.3	95	0.00
8 T	Dichlorotetrafluoroethane	1.579	1.513	4.2	99	0.00
9 T	Propene	0.707	0.625	11.6	89	0.00
10 T	Heptane	1.606	1.579	1.7	93	-0.01
11 T	Trichlorofluoromethane	1.425	1.355	4.9	94	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.080	1.030	4.6	97	0.00
13	Ethanol	0.058	0.058	0.0	115	0.00
14 T	Bromoethene	0.475	0.464	2.3	99	0.00
15 T	Acetone	0.898	0.777	13.5	96	0.00
16 T	1,3-Butadiene	0.653	0.656	-0.5	96	0.00
17	tert-Butyl alcohol	0.925	0.849	8.2	82	0.00
18 T	1,1-Dichloroethene	0.491	0.466	5.1	92	0.00
19 T	Isopropyl Alcohol	0.558	0.503	9.9	82	0.00
20 T	Methylene Chloride	0.454	0.396	12.8	95	0.00
21 T	Allyl Chloride	0.795	0.740	6.9	91	0.00
22 T	trans-1,2-Dichloroethene	0.493	0.482	2.2	93	0.00
23 T	Vinyl Acetate	1.345	1.408	-4.7	104	0.00
24 T	1,1-Dichloroethane	0.979	0.957	2.2	96	0.00
25 T	Ethyl Acetate	2.519	2.481	1.5	94	0.00
26 T	Hexane	1.240	1.155	6.9	92	-0.01
27 T	Carbon Disulfide	1.099	1.175	-6.9	95	0.00
28 T	Methyl tert-Butyl Ether	1.033	1.026	0.7	99	0.00
29 T	Chloroform	1.773	1.676	5.5	96	0.00
30 T	Cyclohexane	1.052	0.982	6.7	93	-0.01
31 T	cis-1,2-Dichloroethene	1.126	1.092	3.0	94	0.00
32 T	1,1,1-Trichloroethane	1.681	1.620	3.6	95	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
34 T	2-Butanone	0.404	0.373	7.7	94	-0.01
35 T	Carbon Tetrachloride	0.568	0.567	0.2	97	-0.01
36 T	Benzene	0.854	0.809	5.3	92	-0.01
37 T	1,2-Dichloroethane	0.402	0.391	2.7	94	0.00
38 T	Trichloroethene	0.337	0.323	4.2	96	-0.01
39 T	1,2-Dichloropropane	0.321	0.313	2.5	93	0.00
40 T	1,4-Dioxane	0.080	0.079	1.3	105	-0.01
41 T	Tetrahydrofuran	0.198	0.195	1.5	92	0.00
42 T	Bromodichloromethane	0.591	0.594	-0.5	95	0.00
43	Methyl Methacrylate	0.279	0.293	-5.0	94	-0.01
44 T	2,2,4-Trimethylpentane	1.435	1.354	5.6	94	0.00
45 T	t-1,3-Dichloropropene	0.192	0.226	-17.7	98	-0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.266	0.299	-12.4	94	-0.02
47 T	1,1,2-Trichloroethane	0.349	0.334	4.3	94	0.00
48 T	Dibromochloromethane	0.498	0.515	-3.4	93	0.00
49 T	Bromoform	0.381	0.417	-9.4	92	-0.01
50 T	4-Methyl-2-Pentanone	0.526	0.541	-2.9	94	-0.01
51 T	2-Hexanone	0.235	0.239	-1.7	87	-0.01
52 T	Tetrachloroethene	0.332	0.294	11.4	93	-0.02
53 T	Toluene	0.947	0.943	0.4	94	-0.01
54 T	1,2-Dibromoethane	0.472	0.457	3.2	93	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	92	-0.02
56	1,1,1,2-Tetrachloroethane	0.414	0.428	-3.4	96	-0.02
57 T	Chlorobenzene	0.820	0.819	0.1	95	-0.01
58 T	Ethyl Benzene	1.343	1.425	-6.1	95	-0.02
59 T	m/p-Xylene	1.153	1.188	-3.0	95	-0.02
60 T	o-Xylene	1.105	1.104	0.1	94	-0.02
61 T	Styrene	0.534	0.621	-16.3	94	-0.02
62	Isopropylbenzene	1.541	1.563	-1.4	95	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.852	0.812	4.7	96	-0.01
64	n-propylbenzene	0.384	0.415	-8.1	97	0.00
65	tert-Butylbenzene	1.356	1.372	-1.2	97	-0.01
66 T	Benzyl Chloride	0.067	0.074	-10.4	93	0.00
67	sec-Butylbenzene	1.854	1.899	-2.4	96	0.00
68 S	1-Bromo-4-Fluorobenzene	0.699	0.752	-7.6	92	-0.02
69	p-Isopropyltoluene	1.499	1.563	-4.3	96	-0.01
70	n-Butylbenzene	1.424	1.514	-6.3	96	-0.01
71	2-Chlorotoluene	1.088	1.132	-4.0	95	-0.02
72 T	4-Ethyltoluene	1.254	1.319	-5.2	93	-0.02
73 T	1,3,5-Trimethylbenzene	1.139	1.195	-4.9	96	-0.01
74 T	1,2,4-Trimethylbenzene	1.196	1.233	-3.1	95	-0.02
75 T	1,3-Dichlorobenzene	0.741	0.739	0.3	95	-0.02
76 T	1,4-Dichlorobenzene	0.707	0.712	-0.7	93	-0.01
77 T	1,2-Dichlorobenzene	0.712	0.725	-1.8	97	-0.02
78 T	Hexachloro-1,3-Butadiene	0.581	0.501	13.8	93	-0.01
79 T	Naphthalene	0.733	0.811	-10.6	91	-0.02
80 T	Naphthalene,2-methyl-	0.197	0.189	4.1	81	-0.02
81 T	1,2,4-Trichlorobenzene	0.469	0.486	-3.6	92	-0.01

(#) = Out of Range

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