

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL061521\
 Data File : VL037162.D
 Acq On : 15 Jun 2021 20:28
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 16 02:26:14 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jun 14 16:49:11 2021
 QLast Update : Mon Jun 14 16:49:11 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	100	0.00
2 T	Dichlorodifluoromethane	1.593	1.374	13.7	94	0.00
3	Chlorodifluoromethane	1.876	1.640	12.6	91	0.00
4	Chloromethane	0.639	0.523	18.2	83	0.00
5 T	Vinyl Chloride	0.618	0.550	11.0	81	0.00
6 T	Bromomethane	0.393	0.261	33.6#	65	0.00
7	Chloroethane	0.241	0.213	11.6	86	0.00
8 T	Dichlorotetrafluoroethane	1.702	1.442	15.3	87	0.00
9 T	Propene	0.619	0.503	18.7	84	0.00
10 T	Heptane	1.475	1.279	13.3	84	0.00
11 T	Trichlorofluoromethane	1.807	1.501	16.9	84	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.240	1.058	14.7	87	0.00
13	Ethanol	0.085	0.074	12.9	93	0.00
14 T	Bromoethene	0.536	0.448	16.4	83	0.00
15 T	Acetone	1.197	0.742	38.0#	81	0.00
16 T	1,3-Butadiene	0.646	0.616	4.6	93	0.00
17	tert-Butyl alcohol	1.036	0.864	16.6	75	0.00
18 T	1,1-Dichloroethene	0.559	0.481	14.0	86	0.00
19 T	Isopropyl Alcohol	0.657	0.553	15.8	80	0.00
20 T	Methylene Chloride	0.522	0.370	29.1	81	0.00
21 T	Allyl Chloride	0.799	0.592	25.9	72	0.00
22 T	trans-1,2-Dichloroethene	0.545	0.464	14.9	81	0.00
23 T	Vinyl Acetate	1.571	1.384	11.9	82	0.00
24 T	1,1-Dichloroethane	1.261	1.110	12.0	88	0.00
25 T	Ethyl Acetate	2.345	1.930	17.7	82	0.00
26 T	Hexane	1.166	0.955	18.1	84	0.00
27 T	Carbon Disulfide	1.182	1.078	8.8	81	0.00
28 T	Methyl tert-Butyl Ether	1.460	1.186	18.8	80	0.00
29 T	Chloroform	1.882	1.549	17.7	83	0.00
30 T	Cyclohexane	1.017	0.873	14.2	85	0.00
31 T	cis-1,2-Dichloroethene	1.124	0.972	13.5	85	0.00
32 T	1,1,1-Trichloroethane	1.729	1.638	5.3	85	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
34 T	2-Butanone	0.376	0.308	18.1	80	0.00
35 T	Carbon Tetrachloride	0.615	0.587	4.6	84	0.00
36 T	Benzene	0.794	0.683	14.0	84	0.00
37 T	1,2-Dichloroethane	0.461	0.397	13.9	84	0.00
38 T	Trichloroethene	0.343	0.291	15.2	85	0.00
39 T	1,2-Dichloropropane	0.303	0.263	13.2	85	0.00
40 T	1,4-Dioxane	0.085	0.071	16.5	82	0.02
41 T	Tetrahydrofuran	0.183	0.148	19.1	77	0.00
42 T	Bromodichloromethane	0.635	0.572	9.9	84	0.00
43	Methyl Methacrylate	0.272	0.261	4.0	86	0.00
44 T	2,2,4-Trimethylpentane	1.328	1.132	14.8	86	0.00
45 T	t-1,3-Dichloropropene	0.245	0.129	47.3#	42	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.327	0.186	43.1#	50	0.00
47 T	1,1,2-Trichloroethane	0.344	0.294	14.5	85	0.00
48 T	Dibromochloromethane	0.554	0.531	4.2	85	0.00
49 T	Bromoform	0.433	0.449	-3.7	85	0.00
50 T	4-Methyl-2-Pentanone	0.552	0.476	13.8	82	0.00
51 T	2-Hexanone	0.276	0.266	3.6	87	0.00
52 T	Tetrachloroethene	0.328	0.290	11.6	85	0.00
53 T	Toluene	0.943	0.833	11.7	85	0.00
54 T	1,2-Dibromoethane	0.503	0.429	14.7	81	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
56	1,1,1,2-Tetrachloroethane	0.436	0.423	3.0	88	0.00
57 T	Chlorobenzene	0.801	0.732	8.6	86	0.00
58 T	Ethyl Benzene	1.355	1.269	6.3	86	0.00
59 T	m/p-Xylene	1.151	1.073	6.8	86	0.00
60 T	o-Xylene	1.105	1.026	7.1	86	0.00
61 T	Styrene	0.583	0.554	5.0	79	0.00
62	Isopropylbenzene	1.575	1.482	5.9	89	0.00
63 T	1,1,2,2-Tetrachloroethane	0.719	0.710	1.3	88	0.00
64	n-propylbenzene	0.402	0.399	0.7	88	0.00
65	tert-Butylbenzene	1.428	1.351	5.4	90	0.00
66 T	Benzyl Chloride	0.062	0.027#	56.5#	33	0.02
67	sec-Butylbenzene	1.897	1.801	5.1	90	0.00
68 S	1-Bromo-4-Fluorobenzene	0.737	0.825	-11.9	101	0.00
69	p-Isopropyltoluene	1.586	1.559	1.7	90	0.00
70	n-Butylbenzene	1.451	1.472	-1.4	89	0.00
71	2-Chlorotoluene	1.124	1.090	3.0	89	0.00
72 T	4-Ethyltoluene	1.284	1.235	3.8	86	0.00
73 T	1,3,5-Trimethylbenzene	1.218	1.127	7.5	86	0.00
74 T	1,2,4-Trimethylbenzene	1.239	1.190	4.0	88	0.00
75 T	1,3-Dichlorobenzene	0.763	0.749	1.8	88	0.00
76 T	1,4-Dichlorobenzene	0.758	0.717	5.4	85	0.00
77 T	1,2-Dichlorobenzene	0.752	0.732	2.7	89	0.00
78 T	Hexachloro-1,3-Butadiene	0.533	0.507	4.9	96	0.00
79 T	Naphthalene	0.746	0.939	-25.9	89	0.00
80 T	Naphthalene,2-methyl-	0.180	0.282	-56.7#	85	0.00
81 T	1,2,4-Trichlorobenzene	0.474	0.543	-14.6	90	0.00

(#) = Out of Range

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