

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102721\
 Data File : VL037909.D
 Acq On : 27 Oct 2021 9:10
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 28 08:47:31 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	102	0.03
2 T	Dichlorodifluoromethane	1.597	1.121	29.8	94	0.02
3	Chlorodifluoromethane	1.921	1.724	10.3	101	0.02
4	Chloromethane	0.704	0.658	6.5	104	0.02
5 T	Vinyl Chloride	0.645	0.659	-2.2	102	0.02
6 T	Bromomethane	0.349	0.320	8.3	101	0.02
7	Chloroethane	0.237	0.227	4.2	101	0.02
8 T	Dichlorotetrafluoroethane	1.579	1.452	8.0	104	0.02
9 T	Propene	0.707	0.632	10.6	98	0.02
10 T	Heptane	1.606	1.609	-0.2	104	0.03
11 T	Trichlorofluoromethane	1.425	1.337	6.2	102	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.080	1.049	2.9	109	0.03
13	Ethanol	0.058	0.055	5.2	120	0.02
14 T	Bromoethene	0.475	0.458	3.6	107	0.03
15 T	Acetone	0.898	0.960	-6.9	130	0.02
16 T	1,3-Butadiene	0.653	0.632	3.2	101	0.02
17	tert-Butyl alcohol	0.925	0.943	-1.9	100	0.02
18 T	1,1-Dichloroethene	0.491	0.470	4.3	102	0.03
19 T	Isopropyl Alcohol	0.558	0.521	6.6	93	0.03
20 T	Methylene Chloride	0.454	0.399	12.1	105	0.02
21 T	Allyl Chloride	0.795	0.748	5.9	101	0.02
22 T	trans-1,2-Dichloroethene	0.493	0.478	3.0	101	0.03
23 T	Vinyl Acetate	1.345	1.235	8.2	101	0.03
24 T	1,1-Dichloroethane	0.979	0.966	1.3	107	0.03
25 T	Ethyl Acetate	2.519	2.450	2.7	102	0.03
26 T	Hexane	1.240	1.151	7.2	101	0.02
27 T	Carbon Disulfide	1.099	1.170	-6.5	104	0.02
28 T	Methyl tert-Butyl Ether	1.033	0.941	8.9	100	0.03
29 T	Chloroform	1.773	1.626	8.3	102	0.02
30 T	Cyclohexane	1.052	0.986	6.3	103	0.03
31 T	cis-1,2-Dichloroethene	1.126	1.060	5.9	100	0.03
32 T	1,1,1-Trichloroethane	1.681	1.568	6.7	101	0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.03
34 T	2-Butanone	0.404	0.364	9.9	100	0.02
35 T	Carbon Tetrachloride	0.568	0.552	2.8	103	0.02
36 T	Benzene	0.854	0.818	4.2	102	0.03
37 T	1,2-Dichloroethane	0.402	0.382	5.0	100	0.03
38 T	Trichloroethene	0.337	0.329	2.4	107	0.03
39 T	1,2-Dichloropropane	0.321	0.310	3.4	101	0.03
40 T	1,4-Dioxane	0.080	0.061	23.8	88	0.03
41 T	Tetrahydrofuran	0.198	0.186	6.1	96	0.03
42 T	Bromodichloromethane	0.591	0.588	0.5	103	0.03
43	Methyl Methacrylate	0.279	0.297	-6.5	104	0.03
44 T	2,2,4-Trimethylpentane	1.435	1.356	5.5	102	0.03
45 T	t-1,3-Dichloropropene	0.192	0.192	0.0	91	0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.266	0.277	-4.1	96	0.03
47 T	1,1,2-Trichloroethane	0.349	0.330	5.4	101	0.03
48 T	Dibromochloromethane	0.498	0.516	-3.6	102	0.03
49 T	Bromoform	0.381	0.422	-10.8	101	0.03
50 T	4-Methyl-2-Pentanone	0.526	0.532	-1.1	101	0.02
51 T	2-Hexanone	0.235	0.245	-4.3	97	0.02
52 T	Tetrachloroethene	0.332	0.296	10.8	103	0.03
53 T	Toluene	0.947	0.941	0.6	102	0.03
54 T	1,2-Dibromoethane	0.472	0.459	2.8	102	0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.03
56	1,1,1,2-Tetrachloroethane	0.414	0.394	4.8	105	0.03
57 T	Chlorobenzene	0.820	0.770	6.1	106	0.03
58 T	Ethyl Benzene	1.343	1.318	1.9	103	0.03
59 T	m/p-Xylene	1.153	1.113	3.5	105	0.03
60 T	o-Xylene	1.105	1.034	6.4	105	0.03
61 T	Styrene	0.534	0.575	-7.7	103	0.02
62	Isopropylbenzene	1.541	1.452	5.8	104	0.03
63 T	1,1,2,2-Tetrachloroethane	0.852	0.736	13.6	103	0.03
64	n-propylbenzene	0.384	0.391	-1.8	108	0.03
65	tert-Butylbenzene	1.356	1.290	4.9	107	0.03
66 T	Benzyl Chloride	0.067	0.066	1.5	98	0.03
67	sec-Butylbenzene	1.854	1.799	3.0	107	0.03
68 S	1-Bromo-4-Fluorobenzene	0.699	0.682	2.4	99	0.03
69	p-Isopropyltoluene	1.499	1.504	-0.3	109	0.03
70	n-Butylbenzene	1.424	1.501	-5.4	112	0.03
71	2-Chlorotoluene	1.088	1.053	3.2	105	0.03
72 T	4-Ethyltoluene	1.254	1.325	-5.7	111	0.03
73 T	1,3,5-Trimethylbenzene	1.139	1.170	-2.7	111	0.03
74 T	1,2,4-Trimethylbenzene	1.196	1.196	0.0	109	0.03
75 T	1,3-Dichlorobenzene	0.741	0.738	0.4	112	0.03
76 T	1,4-Dichlorobenzene	0.707	0.673	4.8	104	0.03
77 T	1,2-Dichlorobenzene	0.712	0.702	1.4	111	0.03
78 T	Hexachloro-1,3-Butadiene	0.581	0.532	8.4	117	0.03
79 T	Naphthalene	0.733	0.896	-22.2	119	0.03
80 T	Naphthalene,2-methyl-	0.197	0.229	-16.2	117	0.02
81 T	1,2,4-Trichlorobenzene	0.469	0.536	-14.3	120	0.03

(#) = Out of Range

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