

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL102521\
 Data File : VL037907.D
 Acq On : 26 Oct 2021 8:50
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 27 12:16:38 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	98	0.04
2 T	Dichlorodifluoromethane	1.597	1.286	19.5	103	0.03
3	Chlorodifluoromethane	1.921	1.662	13.5	93	0.03
4	Chloromethane	0.704	0.579	17.8	87	0.03
5 T	Vinyl Chloride	0.645	0.593	8.1	88	0.03
6 T	Bromomethane	0.349	0.236	32.4#	72	0.04
7	Chloroethane	0.237	0.203	14.3	86	0.04
8 T	Dichlorotetrafluoroethane	1.579	1.369	13.3	94	0.03
9 T	Propene	0.707	0.543	23.2	81	0.03
10 T	Heptane	1.606	1.438	10.5	89	0.04
11 T	Trichlorofluoromethane	1.425	1.218	14.5	89	0.04
12 T	1,1,2-Trichlorotrifluoroeth	1.080	0.928	14.1	92	0.04
13	Ethanol	0.058	0.058	0.0	121	0.03
14 T	Bromoethene	0.475	0.407	14.3	91	0.04
15 T	Acetone	0.898	0.680	24.3	88	0.04
16 T	1,3-Butadiene	0.653	0.607	7.0	93	0.04
17	tert-Butyl alcohol	0.925	0.714	22.8	73	0.04
18 T	1,1-Dichloroethene	0.491	0.417	15.1	86	0.04
19 T	Isopropyl Alcohol	0.558	0.454	18.6	78	0.04
20 T	Methylene Chloride	0.454	0.345	24.0	87	0.04
21 T	Allyl Chloride	0.795	0.561	29.4	72	0.04
22 T	trans-1,2-Dichloroethene	0.493	0.430	12.8	87	0.04
23 T	Vinyl Acetate	1.345	1.131	15.9	88	0.04
24 T	1,1-Dichloroethane	0.979	0.873	10.8	92	0.04
25 T	Ethyl Acetate	2.519	2.083	17.3	83	0.04
26 T	Hexane	1.240	1.050	15.3	88	0.04
27 T	Carbon Disulfide	1.099	1.028	6.5	88	0.04
28 T	Methyl tert-Butyl Ether	1.033	0.791	23.4	80	0.04
29 T	Chloroform	1.773	1.498	15.5	90	0.04
30 T	Cyclohexane	1.052	0.899	14.5	90	0.04
31 T	cis-1,2-Dichloroethene	1.126	0.930	17.4	84	0.04
32 T	1,1,1-Trichloroethane	1.681	1.415	15.8	87	0.04
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.04
34 T	2-Butanone	0.404	0.314	22.3	83	0.04
35 T	Carbon Tetrachloride	0.568	0.493	13.2	88	0.04
36 T	Benzene	0.854	0.724	15.2	86	0.04
37 T	1,2-Dichloroethane	0.402	0.342	14.9	86	0.04
38 T	Trichloroethene	0.337	0.288	14.5	89	0.04
39 T	1,2-Dichloropropane	0.321	0.277	13.7	86	0.05
40 T	1,4-Dioxane	0.080	0.064	20.0	88	0.05
41 T	Tetrahydrofuran	0.198	0.150	24.2	74	0.05
42 T	Bromodichloromethane	0.591	0.532	10.0	89	0.04
43	Methyl Methacrylate	0.279	0.266	4.7	89	0.04
44 T	2,2,4-Trimethylpentane	1.435	1.232	14.1	89	0.04
45 T	t-1,3-Dichloropropene	0.192	0.101	47.4#	46	0.05

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.266	0.184	30.8#	61	0.04
47 T	1,1,2-Trichloroethane	0.349	0.299	14.3	88	0.05
48 T	Dibromochloromethane	0.498	0.474	4.8	90	0.05
49 T	Bromoform	0.381	0.396	-3.9	91	0.05
50 T	4-Methyl-2-Pentanone	0.526	0.495	5.9	90	0.04
51 T	2-Hexanone	0.235	0.245	-4.3	93	0.04
52 T	Tetrachloroethene	0.332	0.264	20.5	88	0.04
53 T	Toluene	0.947	0.840	11.3	88	0.04
54 T	1,2-Dibromoethane	0.472	0.390	17.4	83	0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.04
56	1,1,1,2-Tetrachloroethane	0.414	0.383	7.5	94	0.05
57 T	Chlorobenzene	0.820	0.713	13.0	90	0.05
58 T	Ethyl Benzene	1.343	1.244	7.4	90	0.05
59 T	m/p-Xylene	1.153	1.055	8.5	91	0.04
60 T	o-Xylene	1.105	0.999	9.6	93	0.05
61 T	Styrene	0.534	0.521	2.4	86	0.04
62	Isopropylbenzene	1.541	1.440	6.6	95	0.05
63 T	1,1,2,2-Tetrachloroethane	0.852	0.758	11.0	98	0.04
64	n-propylbenzene	0.384	0.383	0.3	98	0.05
65	tert-Butylbenzene	1.356	1.261	7.0	97	0.04
66 T	Benzyl Chloride	0.067	0.027#	59.7#	37	0.05
67	sec-Butylbenzene	1.854	1.779	4.0	98	0.05
68 S	1-Bromo-4-Fluorobenzene	0.699	0.727	-4.0	97	0.04
69	p-Isopropyltoluene	1.499	1.476	1.5	98	0.05
70	n-Butylbenzene	1.424	1.439	-1.1	99	0.04
71	2-Chlorotoluene	1.088	1.055	3.0	96	0.05
72 T	4-Ethyltoluene	1.254	1.219	2.8	94	0.05
73 T	1,3,5-Trimethylbenzene	1.139	1.079	5.3	94	0.05
74 T	1,2,4-Trimethylbenzene	1.196	1.131	5.4	95	0.04
75 T	1,3-Dichlorobenzene	0.741	0.714	3.6	100	0.05
76 T	1,4-Dichlorobenzene	0.707	0.685	3.1	97	0.05
77 T	1,2-Dichlorobenzene	0.712	0.690	3.1	100	0.04
78 T	Hexachloro-1,3-Butadiene	0.581	0.519	10.7	105	0.05
79 T	Naphthalene	0.733	0.816	-11.3	100	0.06
80 T	Naphthalene,2-methyl-	0.197	0.175	11.2	82	0.04
81 T	1,2,4-Trichlorobenzene	0.469	0.505	-7.7	104	0.06

(#) = Out of Range

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