

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL090921\
 Data File : VL037601.D
 Acq On : 9 Sep 2021 16:40
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 10 09:12:46 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 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	96	0.04
2 T	Dichlorodifluoromethane	1.605	1.132	29.5	79	0.02
3	Chlorodifluoromethane	1.915	1.820	5.0	102	0.02
4	Chloromethane	0.684	0.623	8.9	91	0.02
5 T	Vinyl Chloride	0.701	0.630	10.1	96	0.02
6 T	Bromomethane	0.384	0.279	27.3	76	0.02
7	Chloroethane	0.239	0.220	7.9	95	0.02
8 T	Dichlorotetrafluoroethane	1.656	1.348	18.6	87	0.02
9 T	Propene	0.685	0.629	8.2	98	0.02
10 T	Heptane	1.577	1.585	-0.5	101	0.04
11 T	Trichlorofluoromethane	1.506	1.278	15.1	91	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.105	0.985	10.9	98	0.03
13	Ethanol	0.067	0.078	-16.4	101	0.02
14 T	Bromoethene	0.502	0.438	12.7	89	0.03
15 T	Acetone	1.018	0.753	26.0	90	0.03
16 T	1,3-Butadiene	0.653	0.647	0.9	101	0.02
17	tert-Butyl alcohol	0.930	0.826	11.2	85	0.03
18 T	1,1-Dichloroethene	0.502	0.443	11.8	94	0.03
19 T	Isopropyl Alcohol	0.583	0.542	7.0	90	0.02
20 T	Methylene Chloride	0.510	0.369	27.6	87	0.03
21 T	Allyl Chloride	0.827	0.621	24.9	76	0.03
22 T	trans-1,2-Dichloroethene	0.501	0.436	13.0	93	0.03
23 T	Vinyl Acetate	1.500	1.288	14.1	82	0.03
24 T	1,1-Dichloroethane	1.088	0.879	19.2	84	0.03
25 T	Ethyl Acetate	2.584	2.305	10.8	92	0.03
26 T	Hexane	1.263	1.152	8.8	98	0.03
27 T	Carbon Disulfide	1.126	1.002	11.0	85	0.03
28 T	Methyl tert-Butyl Ether	1.213	0.868	28.4	71	0.03
29 T	Chloroform	1.790	1.613	9.9	95	0.03
30 T	Cyclohexane	1.053	0.977	7.2	96	0.04
31 T	cis-1,2-Dichloroethene	1.143	1.027	10.1	89	0.03
32 T	1,1,1-Trichloroethane	1.759	1.549	11.9	92	0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.04
34 T	2-Butanone	0.408	0.360	11.8	90	0.03
35 T	Carbon Tetrachloride	0.591	0.529	10.5	90	0.04
36 T	Benzene	0.841	0.816	3.0	98	0.04
37 T	1,2-Dichloroethane	0.416	0.383	7.9	93	0.04
38 T	Trichloroethene	0.345	0.316	8.4	98	0.04
39 T	1,2-Dichloropropane	0.323	0.312	3.4	98	0.04
40 T	1,4-Dioxane	0.079	0.056	29.1	68	0.04
41 T	Tetrahydrofuran	0.197	0.173	12.2	85	0.04
42 T	Bromodichloromethane	0.609	0.577	5.3	92	0.04
43	Methyl Methacrylate	0.293	0.297	-1.4	97	0.03
44 T	2,2,4-Trimethylpentane	1.415	1.354	4.3	99	0.04
45 T	t-1,3-Dichloropropene	0.221	0.198	10.4	74	0.04

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.308	0.281	8.8	82	0.04
47 T	1,1,2-Trichloroethane	0.349	0.327	6.3	97	0.04
48 T	Dibromochloromethane	0.502	0.511	-1.8	94	0.04
49 T	Bromoform	0.396	0.420	-6.1	95	0.04
50 T	4-Methyl-2-Pentanone	0.533	0.534	-0.2	98	0.04
51 T	2-Hexanone	0.245	0.280	-14.3	110	0.04
52 T	Tetrachloroethene	0.344	0.305	11.3	97	0.04
53 T	Toluene	0.960	0.944	1.7	97	0.04
54 T	1,2-Dibromoethane	0.487	0.465	4.5	94	0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.04
56	1,1,1,2-Tetrachloroethane	0.417	0.391	6.2	101	0.04
57 T	Chlorobenzene	0.830	0.744	10.4	99	0.04
58 T	Ethyl Benzene	1.388	1.283	7.6	98	0.04
59 T	m/p-Xylene	1.203	1.078	10.4	96	0.04
60 T	o-Xylene	1.123	0.997	11.2	97	0.04
61 T	Styrene	0.583	0.551	5.5	92	0.04
62	Isopropylbenzene	1.585	1.456	8.1	100	0.04
63 T	1,1,2,2-Tetrachloroethane	0.835	0.746	10.7	99	0.04
64	n-propylbenzene	0.403	0.384	4.7	98	0.04
65	tert-Butylbenzene	1.443	1.275	11.6	97	0.04
66 T	Benzyl Chloride	0.065	0.036#	44.6#	48	0.04
67	sec-Butylbenzene	2.017	1.756	12.9	97	0.04
68 S	1-Bromo-4-Fluorobenzene	0.710	0.701	1.3	96	0.04
69	p-Isopropyltoluene	1.643	1.482	9.8	97	0.04
70	n-Butylbenzene	1.570	1.462	6.9	97	0.04
71	2-Chlorotoluene	1.162	1.055	9.2	98	0.04
72 T	4-Ethyltoluene	1.336	1.255	6.1	98	0.04
73 T	1,3,5-Trimethylbenzene	1.243	1.126	9.4	98	0.04
74 T	1,2,4-Trimethylbenzene	1.321	1.143	13.5	95	0.04
75 T	1,3-Dichlorobenzene	0.795	0.724	8.9	101	0.04
76 T	1,4-Dichlorobenzene	0.801	0.711	11.2	95	0.04
77 T	1,2-Dichlorobenzene	0.783	0.698	10.9	97	0.04
78 T	Hexachloro-1,3-Butadiene	0.651	0.577	11.4	106	0.04
79 T	Naphthalene	0.884	1.004	-13.6	106	0.05
80 T	Naphthalene,2-methyl-	0.246	0.314	-27.6	96	0.03
81 T	1,2,4-Trichlorobenzene	0.555	0.595	-7.2	107	0.04

(#) = Out of Range

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