

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111921\
 Data File : VL038092.D
 Acq On : 19 Nov 2021 19:25
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 22 07:24:24 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
 QLast Update : Thu Nov 18 13:16:09 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	83	-0.03
2 T	Dichlorodifluoromethane	1.652	1.876	-13.6	125	-0.02
3	Chlorodifluoromethane	2.100	2.202	-4.9	99	-0.02
4	Chloromethane	0.715	0.720	-0.7	93	-0.02
5 T	Vinyl Chloride	0.701	0.735	-4.9	94	-0.02
6 T	Bromomethane	0.376	0.403	-7.2	96	-0.02
7	Chloroethane	0.249	0.240	3.6	90	-0.02
8 T	Dichlorotetrafluoroethane	1.643	1.733	-5.5	97	-0.02
9 T	Propene	0.773	0.753	2.6	91	-0.02
10 T	Heptane	1.911	1.903	0.4	94	-0.03
11 T	Trichlorofluoromethane	1.571	1.648	-4.9	97	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.111	1.148	-3.3	93	-0.02
13	Ethanol	0.075	0.061	18.7	92	-0.02
14 T	Bromoethene	0.498	0.499	-0.2	94	-0.02
15 T	Acetone	0.867	0.866	0.1	101	-0.02
16 T	1,3-Butadiene	0.676	0.701	-3.7	94	-0.02
17	tert-Butyl alcohol	1.052	0.962	8.6	85	-0.02
18 T	1,1-Dichloroethene	0.510	0.518	-1.6	93	-0.02
19 T	Isopropyl Alcohol	0.626	0.529	15.5	87	-0.02
20 T	Methylene Chloride	0.486	0.418	14.0	88	-0.02
21 T	Allyl Chloride	0.803	0.790	1.6	88	-0.02
22 T	trans-1,2-Dichloroethene	0.516	0.558	-8.1	96	-0.02
23 T	Vinyl Acetate	1.255	1.284	-2.3	87	-0.02
24 T	1,1-Dichloroethane	1.045	1.097	-5.0	93	-0.02
25 T	Ethyl Acetate	2.882	2.876	0.2	95	-0.03
26 T	Hexane	1.389	1.355	2.4	96	-0.02
27 T	Carbon Disulfide	1.244	1.282	-3.1	87	-0.02
28 T	Methyl tert-Butyl Ether	1.180	1.195	-1.3	89	-0.02
29 T	Chloroform	2.047	2.112	-3.2	97	-0.02
30 T	Cyclohexane	1.261	1.213	3.8	92	-0.03
31 T	cis-1,2-Dichloroethene	1.321	1.376	-4.2	94	-0.03
32 T	1,1,1-Trichloroethane	2.077	2.113	-1.7	93	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	-0.03
34 T	2-Butanone	0.403	0.389	3.5	87	-0.02
35 T	Carbon Tetrachloride	0.703	0.761	-8.3	96	-0.03
36 T	Benzene	0.998	1.026	-2.8	93	-0.03
37 T	1,2-Dichloroethane	0.482	0.570	-18.3	102	-0.03
38 T	Trichloroethene	0.376	0.357	5.1	88	-0.03
39 T	1,2-Dichloropropane	0.383	0.400	-4.4	92	-0.03
40 T	1,4-Dioxane	0.100	0.094	6.0	88	-0.03
41 T	Tetrahydrofuran	0.250	0.257	-2.8	94	-0.02
42 T	Bromodichloromethane	0.732	0.814	-11.2	98	-0.03
43	Methyl Methacrylate	0.341	0.378	-10.9	94	-0.03
44 T	2,2,4-Trimethylpentane	1.669	1.667	0.1	94	-0.03
45 T	t-1,3-Dichloropropene	0.274	0.338	-23.4	93	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.370	0.434	-17.3	96	-0.03
47 T	1,1,2-Trichloroethane	0.401	0.399	0.5	89	-0.03
48 T	Dibromochloromethane	0.610	0.648	-6.2	89	-0.03
49 T	Bromoform	0.437	0.451	-3.2	86	-0.03
50 T	4-Methyl-2-Pentanone	0.612	0.695	-13.6	98	-0.03
51 T	2-Hexanone	0.288	0.327	-13.5	98	-0.03
52 T	Tetrachloroethene	0.369	0.327	11.4	88	-0.03
53 T	Toluene	1.148	1.137	1.0	89	-0.03
54 T	1,2-Dibromoethane	0.566	0.573	-1.2	89	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	81	-0.03
56	1,1,1,2-Tetrachloroethane	0.454	0.452	0.4	89	-0.03
57 T	Chlorobenzene	0.896	0.875	2.3	90	-0.03
58 T	Ethyl Benzene	1.653	1.625	1.7	91	-0.03
59 T	m/p-Xylene	1.391	1.334	4.1	91	-0.03
60 T	o-Xylene	1.291	1.213	6.0	90	-0.03
61 T	Styrene	0.692	0.672	2.9	85	-0.03
62	Isopropylbenzene	1.832	1.698	7.3	89	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.959	0.847	11.7	90	-0.03
64	n-propylbenzene	0.467	0.432	7.5	85	-0.03
65	tert-Butylbenzene	1.614	1.407	12.8	87	-0.03
66 T	Benzyl Chloride	0.082	0.063	23.2	60	-0.03
67	sec-Butylbenzene	2.249	1.998	11.2	87	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.721	0.757	-5.0	85	-0.03
69	p-Isopropyltoluene	1.759	1.617	8.1	87	-0.03
70	n-Butylbenzene	1.682	1.642	2.4	93	-0.03
71	2-Chlorotoluene	1.339	1.272	5.0	91	-0.03
72 T	4-Ethyltoluene	1.496	1.438	3.9	89	-0.03
73 T	1,3,5-Trimethylbenzene	1.367	1.266	7.4	89	-0.03
74 T	1,2,4-Trimethylbenzene	1.408	1.286	8.7	89	-0.03
75 T	1,3-Dichlorobenzene	0.774	0.713	7.9	86	-0.03
76 T	1,4-Dichlorobenzene	0.778	0.690	11.3	86	-0.03
77 T	1,2-Dichlorobenzene	0.749	0.683	8.8	88	-0.03
78 T	Hexachloro-1,3-Butadiene	0.468	0.473	-1.1	111	-0.03
79 T	Naphthalene	0.742	0.997	-34.4#	117	-0.03
80 T	Naphthalene,2-methyl-	0.159	0.220	-38.4#	102	-0.02
81 T	1,2,4-Trichlorobenzene	0.426	0.509	-19.5	110	-0.04

(#) = Out of Range

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