

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL121421\
 Data File : VL038182.D
 Acq On : 15 Dec 2021 10:16
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 15 14:01:00 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	102	-0.04
2 T	Dichlorodifluoromethane	1.652	1.266	23.4	103	-0.02
3	Chlorodifluoromethane	2.100	1.931	8.0	106	-0.02
4	Chloromethane	0.715	0.663	7.3	105	-0.02
5 T	Vinyl Chloride	0.701	0.671	4.3	105	-0.03
6 T	Bromomethane	0.376	0.376	0.0	109	-0.03
7	Chloroethane	0.249	0.233	6.4	107	-0.03
8 T	Dichlorotetrafluoroethane	1.643	1.569	4.5	108	-0.02
9 T	Propene	0.773	0.652	15.7	96	-0.02
10 T	Heptane	1.911	1.654	13.4	100	-0.04
11 T	Trichlorofluoromethane	1.571	1.653	-5.2	119	-0.03
12 T	1,1,2-Trichlorotrifluoroeth	1.111	1.200	-8.0	120	-0.03
13	Ethanol	0.075	0.082	-9.3	150#	-0.02
14 T	Bromoethene	0.498	0.500	-0.4	115	-0.03
15 T	Acetone	0.867	0.826	4.7	118	-0.03
16 T	1,3-Butadiene	0.676	0.642	5.0	106	-0.03
17	tert-Butyl alcohol	1.052	0.957	9.0	103	-0.02
18 T	1,1-Dichloroethene	0.510	0.522	-2.4	115	-0.03
19 T	Isopropyl Alcohol	0.626	0.541	13.6	109	-0.03
20 T	Methylene Chloride	0.486	0.454	6.6	117	-0.03
21 T	Allyl Chloride	0.803	0.776	3.4	106	-0.03
22 T	trans-1,2-Dichloroethene	0.516	0.562	-8.9	119	-0.04
23 T	Vinyl Acetate	1.255	1.205	4.0	100	-0.03
24 T	1,1-Dichloroethane	1.045	1.104	-5.6	115	-0.03
25 T	Ethyl Acetate	2.882	2.512	12.8	102	-0.03
26 T	Hexane	1.389	1.150	17.2	99	-0.03
27 T	Carbon Disulfide	1.244	1.356	-9.0	113	-0.03
28 T	Methyl tert-Butyl Ether	1.180	1.169	0.9	106	-0.03
29 T	Chloroform	2.047	1.862	9.0	105	-0.04
30 T	Cyclohexane	1.261	1.009	20.0	93	-0.04
31 T	cis-1,2-Dichloroethene	1.321	1.113	15.7	93	-0.04
32 T	1,1,1-Trichloroethane	2.077	1.826	12.1	98	-0.04
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	-0.04
34 T	2-Butanone	0.403	0.325	19.4	84	-0.03
35 T	Carbon Tetrachloride	0.703	0.707	-0.6	102	-0.04
36 T	Benzene	0.998	0.915	8.3	96	-0.04
37 T	1,2-Dichloroethane	0.482	0.533	-10.6	110	-0.04
38 T	Trichloroethene	0.376	0.328	12.8	93	-0.04
39 T	1,2-Dichloropropane	0.383	0.362	5.5	96	-0.04
40 T	1,4-Dioxane	0.100	0.088	12.0	95	-0.04
41 T	Tetrahydrofuran	0.250	0.231	7.6	97	-0.03
42 T	Bromodichloromethane	0.732	0.776	-6.0	107	-0.04
43	Methyl Methacrylate	0.341	0.343	-0.6	98	-0.04
44 T	2,2,4-Trimethylpentane	1.669	1.526	8.6	99	-0.04
45 T	t-1,3-Dichloropropene	0.274	0.336	-22.6	106	-0.04

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.370	0.428	-15.7	109	-0.04
47 T	1,1,2-Trichloroethane	0.401	0.365	9.0	93	-0.04
48 T	Dibromochloromethane	0.610	0.629	-3.1	99	-0.04
49 T	Bromoform	0.437	0.485	-11.0	106	-0.05
50 T	4-Methyl-2-Pentanone	0.612	0.634	-3.6	103	-0.04
51 T	2-Hexanone	0.288	0.301	-4.5	104	-0.04
52 T	Tetrachloroethene	0.369	0.301	18.4	93	-0.04
53 T	Toluene	1.148	1.039	9.5	94	-0.04
54 T	1,2-Dibromoethane	0.566	0.550	2.8	98	-0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	92	-0.04
56	1,1,1,2-Tetrachloroethane	0.454	0.445	2.0	100	-0.05
57 T	Chlorobenzene	0.896	0.816	8.9	96	-0.05
58 T	Ethyl Benzene	1.653	1.521	8.0	97	-0.04
59 T	m/p-Xylene	1.391	1.318	5.2	102	-0.05
60 T	o-Xylene	1.291	1.215	5.9	102	-0.05
61 T	Styrene	0.692	0.651	5.9	94	-0.04
62	Isopropylbenzene	1.832	1.637	10.6	97	-0.04
63 T	1,1,2,2-Tetrachloroethane	0.959	0.903	5.8	109	-0.04
64	n-propylbenzene	0.467	0.419	10.3	94	-0.04
65	tert-Butylbenzene	1.614	1.424	11.8	101	-0.04
66 T	Benzyl Chloride	0.082	0.084	-2.4	91	-0.05
67	sec-Butylbenzene	2.249	2.018	10.3	100	-0.05
68 S	1-Bromo-4-Fluorobenzene	0.721	0.809	-12.2	103	-0.05
69	p-Isopropyltoluene	1.759	1.629	7.4	100	-0.05
70	n-Butylbenzene	1.682	1.674	0.5	108	-0.05
71	2-Chlorotoluene	1.339	1.268	5.3	103	-0.05
72 T	4-Ethyltoluene	1.496	1.393	6.9	98	-0.05
73 T	1,3,5-Trimethylbenzene	1.367	1.248	8.7	100	-0.04
74 T	1,2,4-Trimethylbenzene	1.408	1.322	6.1	104	-0.04
75 T	1,3-Dichlorobenzene	0.774	0.753	2.7	103	-0.04
76 T	1,4-Dichlorobenzene	0.778	0.720	7.5	102	-0.05
77 T	1,2-Dichlorobenzene	0.749	0.712	4.9	104	-0.05
78 T	Hexachloro-1,3-Butadiene	0.468	0.375	19.9	101	-0.05
79 T	Naphthalene	0.742	0.682	8.1	91	-0.05
80 T	Naphthalene,2-methyl-	0.159	0.147	7.5	78	-0.04
81 T	1,2,4-Trichlorobenzene	0.426	0.387	9.2	95	-0.05

(#) = Out of Range

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