

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062921\
 Data File : VL037244.D
 Acq On : 29 Jun 2021 10:14
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 29 13:51:14 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14:06:32 2021
 QLast Update : Wed Jun 16 14:06:32 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	100	-0.02
2 T	Dichlorodifluoromethane	1.739	1.687	3.0	112	-0.01
3	Chlorodifluoromethane	1.944	1.779	8.5	102	-0.02
4	Chloromethane	0.648	0.584	9.9	97	-0.01
5 T	Vinyl Chloride	0.712	0.666	6.5	102	-0.01
6 T	Bromomethane	0.425	0.359	15.5	90	-0.01
7	Chloroethane	0.255	0.250	2.0	109	-0.02
8 T	Dichlorotetrafluoroethane	1.784	1.705	4.4	106	-0.01
9 T	Propene	0.622	0.573	7.9	101	-0.02
10 T	Heptane	1.506	1.457	3.3	102	-0.02
11 T	Trichlorofluoromethane	1.856	1.793	3.4	106	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.308	1.302	0.5	108	-0.02
13	Ethanol	0.096	0.061	36.5#	76	-0.02
14 T	Bromoethene	0.546	0.524	4.0	101	-0.02
15 T	Acetone	1.128	0.891	21.0	107	-0.02
16 T	1,3-Butadiene	0.667	0.660	1.0	104	-0.02
17	tert-Butyl alcohol	1.042	1.012	2.9	95	-0.01
18 T	1,1-Dichloroethene	0.580	0.570	1.7	106	-0.02
19 T	Isopropyl Alcohol	0.683	0.551	19.3	86	-0.02
20 T	Methylene Chloride	0.675	0.486	28.0	106	-0.02
21 T	Allyl Chloride	0.850	0.830	2.4	104	-0.02
22 T	trans-1,2-Dichloroethene	0.574	0.581	-1.2	109	-0.02
23 T	Vinyl Acetate	1.617	1.420	12.2	93	-0.02
24 T	1,1-Dichloroethane	1.302	1.182	9.2	96	-0.02
25 T	Ethyl Acetate	2.441	2.305	5.6	103	-0.02
26 T	Hexane	1.234	1.112	9.9	104	-0.02
27 T	Carbon Disulfide	1.209	1.320	-9.2	104	-0.02
28 T	Methyl tert-Butyl Ether	1.483	1.264	14.8	89	-0.02
29 T	Chloroform	1.906	1.813	4.9	104	-0.02
30 T	Cyclohexane	1.028	0.970	5.6	103	-0.03
31 T	cis-1,2-Dichloroethene	1.134	1.087	4.1	102	-0.02
32 T	1,1,1-Trichloroethane	2.040	1.901	6.8	104	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	-0.02
34 T	2-Butanone	0.389	0.354	9.0	102	-0.02
35 T	Carbon Tetrachloride	0.671	0.686	-2.2	104	-0.02
36 T	Benzene	0.809	0.764	5.6	100	-0.02
37 T	1,2-Dichloroethane	0.470	0.461	1.9	103	-0.02
38 T	Trichloroethene	0.384	0.323	15.9	100	-0.02
39 T	1,2-Dichloropropane	0.300	0.297	1.0	101	-0.03
40 T	1,4-Dioxane	0.082	0.066	19.5	81	-0.02
41 T	Tetrahydrofuran	0.181	0.179	1.1	102	-0.02
42 T	Bromodichloromethane	0.648	0.657	-1.4	101	-0.02
43	Methyl Methacrylate	0.279	0.283	-1.4	100	-0.02
44 T	2,2,4-Trimethylpentane	1.362	1.279	6.1	102	-0.03
45 T	t-1,3-Dichloropropene	0.246	0.210	14.6	72	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.337	0.266	21.1	72	-0.02
47 T	1,1,2-Trichloroethane	0.343	0.330	3.8	102	-0.03
48 T	Dibromochloromethane	0.541	0.596	-10.2	103	-0.03
49 T	Bromoform	0.403	0.488	-21.1	107	-0.03
50 T	4-Methyl-2-Pentanone	0.534	0.549	-2.8	103	-0.02
51 T	2-Hexanone	0.260	0.287	-10.4	109	-0.03
52 T	Tetrachloroethene	0.376	0.317	15.7	100	-0.03
53 T	Toluene	0.966	0.926	4.1	101	-0.03
54 T	1,2-Dibromoethane	0.493	0.491	0.4	102	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	100	-0.03
56	1,1,1,2-Tetrachloroethane	0.437	0.444	-1.6	105	-0.03
57 T	Chlorobenzene	0.811	0.765	5.7	102	-0.03
58 T	Ethyl Benzene	1.377	1.334	3.1	102	-0.03
59 T	m/p-Xylene	1.167	1.139	2.4	104	-0.02
60 T	o-Xylene	1.111	1.088	2.1	106	-0.03
61 T	Styrene	0.573	0.603	-5.2	100	-0.03
62	Isopropylbenzene	1.580	1.519	3.9	106	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.740	0.738	0.3	110	-0.02
64	n-propylbenzene	0.396	0.408	-3.0	105	-0.03
65	tert-Butylbenzene	1.401	1.380	1.5	108	-0.03
66 T	Benzyl Chloride	0.059	0.058	1.7	105	-0.03
67	sec-Butylbenzene	1.868	1.831	2.0	108	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.758	0.779	-2.8	99	-0.03
69	p-Isopropyltoluene	1.578	1.592	-0.9	108	-0.03
70	n-Butylbenzene	1.460	1.511	-3.5	109	-0.02
71	2-Chlorotoluene	1.104	1.112	-0.7	108	-0.03
72 T	4-Ethyltoluene	1.262	1.325	-5.0	109	-0.03
73 T	1,3,5-Trimethylbenzene	1.220	1.202	1.5	108	-0.03
74 T	1,2,4-Trimethylbenzene	1.257	1.248	0.7	108	-0.03
75 T	1,3-Dichlorobenzene	0.764	0.751	1.7	106	-0.02
76 T	1,4-Dichlorobenzene	0.763	0.729	4.5	108	-0.03
77 T	1,2-Dichlorobenzene	0.739	0.722	2.3	108	-0.03
78 T	Hexachloro-1,3-Butadiene	0.636	0.476	25.2	94	-0.03
79 T	Naphthalene	1.048	0.909	13.3	85	-0.03
80 T	Naphthalene,2-methyl-	0.275	0.226	17.8	69	-0.02
81 T	1,2,4-Trichlorobenzene	0.605	0.531	12.2	91	-0.04

(#) = Out of Range

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