

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL062221\
 Data File : VL037217.D
 Acq On : 22 Jun 2021 14:25
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 23 01:50:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed 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	104	0.00
2 T	Dichlorodifluoromethane	1.739	1.610	7.4	112	0.00
3	Chlorodifluoromethane	1.944	1.705	12.3	102	0.00
4	Chloromethane	0.648	0.593	8.5	102	0.00
5 T	Vinyl Chloride	0.712	0.634	11.0	101	0.00
6 T	Bromomethane	0.425	0.337	20.7	88	0.01
7	Chloroethane	0.255	0.237	7.1	108	0.00
8 T	Dichlorotetrafluoroethane	1.784	1.652	7.4	107	0.00
9 T	Propene	0.622	0.566	9.0	104	0.00
10 T	Heptane	1.506	1.432	4.9	105	0.00
11 T	Trichlorofluoromethane	1.856	1.685	9.2	104	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.308	1.257	3.9	109	0.01
13	Ethanol	0.096	0.074	22.9	97	0.00
14 T	Bromoethene	0.546	0.517	5.3	104	0.00
15 T	Acetone	1.128	0.847	24.9	106	0.00
16 T	1,3-Butadiene	0.667	0.615	7.8	101	0.00
17	tert-Butyl alcohol	1.042	1.024	1.7	100	0.00
18 T	1,1-Dichloroethene	0.580	0.546	5.9	106	0.00
19 T	Isopropyl Alcohol	0.683	0.530	22.4	87	0.00
20 T	Methylene Chloride	0.675	0.485	28.1	111	0.00
21 T	Allyl Chloride	0.850	0.821	3.4	108	0.00
22 T	trans-1,2-Dichloroethene	0.574	0.570	0.7	111	0.01
23 T	Vinyl Acetate	1.617	1.398	13.5	96	0.01
24 T	1,1-Dichloroethane	1.302	1.134	12.9	96	0.00
25 T	Ethyl Acetate	2.441	2.210	9.5	103	0.02
26 T	Hexane	1.234	1.088	11.8	106	0.00
27 T	Carbon Disulfide	1.209	1.349	-11.6	111	0.00
28 T	Methyl tert-Butyl Ether	1.483	1.250	15.7	92	0.01
29 T	Chloroform	1.906	1.724	9.5	103	0.00
30 T	Cyclohexane	1.028	0.948	7.8	105	0.00
31 T	cis-1,2-Dichloroethene	1.134	1.072	5.5	105	0.01
32 T	1,1,1-Trichloroethane	2.040	1.819	10.8	104	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
34 T	2-Butanone	0.389	0.332	14.7	100	0.01
35 T	Carbon Tetrachloride	0.671	0.645	3.9	102	0.01
36 T	Benzene	0.809	0.755	6.7	103	0.01
37 T	1,2-Dichloroethane	0.470	0.436	7.2	102	0.01
38 T	Trichloroethene	0.384	0.322	16.1	104	0.01
39 T	1,2-Dichloropropane	0.300	0.292	2.7	104	0.01
40 T	1,4-Dioxane	0.082	0.069	15.9	88	0.01
41 T	Tetrahydrofuran	0.181	0.179	1.1	107	0.02
42 T	Bromodichloromethane	0.648	0.646	0.3	105	0.01
43	Methyl Methacrylate	0.279	0.280	-0.4	104	0.00
44 T	2,2,4-Trimethylpentane	1.362	1.245	8.6	104	0.00
45 T	t-1,3-Dichloropropene	0.246	0.205	16.7	74	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.337	0.263	22.0	75	0.01
47 T	1,1,2-Trichloroethane	0.343	0.320	6.7	104	0.00
48 T	Dibromochloromethane	0.541	0.575	-6.3	105	0.01
49 T	Bromoform	0.403	0.480	-19.1	110	0.00
50 T	4-Methyl-2-Pentanone	0.534	0.536	-0.4	106	0.01
51 T	2-Hexanone	0.260	0.281	-8.1	111	0.00
52 T	Tetrachloroethene	0.376	0.311	17.3	103	0.00
53 T	Toluene	0.966	0.907	6.1	104	0.00
54 T	1,2-Dibromoethane	0.493	0.469	4.9	102	0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.01
56	1,1,1,2-Tetrachloroethane	0.437	0.411	5.9	105	0.00
57 T	Chlorobenzene	0.811	0.715	11.8	103	0.01
58 T	Ethyl Benzene	1.377	1.264	8.2	105	0.01
59 T	m/p-Xylene	1.167	1.055	9.6	104	0.01
60 T	o-Xylene	1.111	1.008	9.3	106	0.00
61 T	Styrene	0.573	0.578	-0.9	104	0.01
62	Isopropylbenzene	1.580	1.410	10.8	106	0.00
63 T	1,1,2,2-Tetrachloroethane	0.740	0.680	8.1	110	0.01
64	n-propylbenzene	0.396	0.383	3.3	107	0.00
65	tert-Butylbenzene	1.401	1.270	9.4	107	0.00
66 T	Benzyl Chloride	0.059	0.043#	27.1	84	0.01
67	sec-Butylbenzene	1.868	1.688	9.6	107	0.01
68 S	1-Bromo-4-Fluorobenzene	0.758	0.737	2.8	101	0.00
69	p-Isopropyltoluene	1.578	1.473	6.7	108	0.01
70	n-Butylbenzene	1.460	1.398	4.2	109	0.01
71	2-Chlorotoluene	1.104	1.035	6.3	108	0.01
72 T	4-Ethyltoluene	1.262	1.217	3.6	108	0.01
73 T	1,3,5-Trimethylbenzene	1.220	1.109	9.1	108	0.00
74 T	1,2,4-Trimethylbenzene	1.257	1.157	8.0	108	0.01
75 T	1,3-Dichlorobenzene	0.764	0.697	8.8	107	0.00
76 T	1,4-Dichlorobenzene	0.763	0.691	9.4	111	0.01
77 T	1,2-Dichlorobenzene	0.739	0.673	8.9	109	0.01
78 T	Hexachloro-1,3-Butadiene	0.636	0.449	29.4	96	0.01
79 T	Naphthalene	1.048	0.889	15.2	89	0.01
80 T	Naphthalene,2-methyl-	0.275	0.254	7.6	83	0.00
81 T	1,2,4-Trichlorobenzene	0.605	0.510	15.7	94	0.01

(#) = Out of Range

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