

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL070221\
 Data File : VL037267.D
 Acq On : 2 Jul 2021 9:08
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 02 14:52:40 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	84	0.00
2 T	Dichlorodifluoromethane	1.739	1.724	0.9	96	0.00
3	Chlorodifluoromethane	1.944	1.725	11.3	84	0.00
4	Chloromethane	0.648	0.587	9.4	82	0.00
5 T	Vinyl Chloride	0.712	0.642	9.8	82	0.00
6 T	Bromomethane	0.425	0.368	13.4	77	0.00
7	Chloroethane	0.255	0.238	6.7	87	0.00
8 T	Dichlorotetrafluoroethane	1.784	1.663	6.8	87	0.00
9 T	Propene	0.622	0.537	13.7	80	0.00
10 T	Heptane	1.506	1.411	6.3	83	0.00
11 T	Trichlorofluoromethane	1.856	1.783	3.9	88	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.308	1.259	3.7	88	0.00
13	Ethanol	0.096	0.064	33.3#	67	0.00
14 T	Bromoethene	0.546	0.528	3.3	86	0.00
15 T	Acetone	1.128	0.874	22.5	88	0.00
16 T	1,3-Butadiene	0.667	0.635	4.8	84	0.00
17	tert-Butyl alcohol	1.042	1.012	2.9	80	0.00
18 T	1,1-Dichloroethene	0.580	0.560	3.4	87	0.00
19 T	Isopropyl Alcohol	0.683	0.576	15.7	76	0.00
20 T	Methylene Chloride	0.675	0.497	26.4	92	0.00
21 T	Allyl Chloride	0.850	0.808	4.9	86	0.00
22 T	trans-1,2-Dichloroethene	0.574	0.566	1.4	89	0.00
23 T	Vinyl Acetate	1.617	1.593	1.5	88	0.00
24 T	1,1-Dichloroethane	1.302	1.281	1.6	87	0.00
25 T	Ethyl Acetate	2.441	2.258	7.5	85	0.00
26 T	Hexane	1.234	1.072	13.1	84	0.00
27 T	Carbon Disulfide	1.209	1.322	-9.3	88	0.00
28 T	Methyl tert-Butyl Ether	1.483	1.429	3.6	85	0.00
29 T	Chloroform	1.906	1.775	6.9	86	0.00
30 T	Cyclohexane	1.028	0.941	8.5	84	0.00
31 T	cis-1,2-Dichloroethene	1.134	1.087	4.1	86	0.00
32 T	1,1,1-Trichloroethane	2.040	1.857	9.0	86	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
34 T	2-Butanone	0.389	0.356	8.5	86	0.00
35 T	Carbon Tetrachloride	0.671	0.674	-0.4	85	0.01
36 T	Benzene	0.809	0.752	7.0	82	0.00
37 T	1,2-Dichloroethane	0.470	0.462	1.7	87	0.00
38 T	Trichloroethene	0.384	0.325	15.4	84	0.00
39 T	1,2-Dichloropropane	0.300	0.286	4.7	81	0.00
40 T	1,4-Dioxane	0.082	0.075	8.5	77	0.00
41 T	Tetrahydrofuran	0.181	0.175	3.3	84	0.00
42 T	Bromodichloromethane	0.648	0.648	0.0	84	0.00
43	Methyl Methacrylate	0.279	0.277	0.7	82	0.00
44 T	2,2,4-Trimethylpentane	1.362	1.251	8.1	84	0.00
45 T	t-1,3-Dichloropropene	0.246	0.235	4.5	68	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.337	0.304	9.8	69	0.00
47 T	1,1,2-Trichloroethane	0.343	0.324	5.5	84	0.00
48 T	Dibromochloromethane	0.541	0.586	-8.3	85	0.01
49 T	Bromoform	0.403	0.481	-19.4	88	0.00
50 T	4-Methyl-2-Pentanone	0.534	0.531	0.6	84	0.01
51 T	2-Hexanone	0.260	0.263	-1.2	83	0.00
52 T	Tetrachloroethene	0.376	0.310	17.6	82	0.00
53 T	Toluene	0.966	0.904	6.4	83	0.00
54 T	1,2-Dibromoethane	0.493	0.480	2.6	84	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
56	1,1,1,2-Tetrachloroethane	0.437	0.453	-3.7	86	0.00
57 T	Chlorobenzene	0.811	0.784	3.3	84	0.01
58 T	Ethyl Benzene	1.377	1.384	-0.5	85	0.01
59 T	m/p-Xylene	1.167	1.173	-0.5	86	0.01
60 T	o-Xylene	1.111	1.118	-0.6	87	0.00
61 T	Styrene	0.573	0.619	-8.0	82	0.01
62	Isopropylbenzene	1.580	1.572	0.5	88	0.00
63 T	1,1,2,2-Tetrachloroethane	0.740	0.759	-2.6	91	0.02
64	n-propylbenzene	0.396	0.411	-3.8	85	0.01
65	tert-Butylbenzene	1.401	1.432	-2.2	89	0.01
66 T	Benzyl Chloride	0.059	0.063	-6.8	92	0.02
67	sec-Butylbenzene	1.868	1.904	-1.9	90	0.00
68 S	1-Bromo-4-Fluorobenzene	0.758	0.839	-10.7	85	0.00
69	p-Isopropyltoluene	1.578	1.633	-3.5	89	0.01
70	n-Butylbenzene	1.460	1.524	-4.4	88	0.01
71	2-Chlorotoluene	1.104	1.144	-3.6	88	0.00
72 T	4-Ethyltoluene	1.262	1.317	-4.4	86	0.01
73 T	1,3,5-Trimethylbenzene	1.220	1.233	-1.1	89	0.00
74 T	1,2,4-Trimethylbenzene	1.257	1.286	-2.3	89	0.00
75 T	1,3-Dichlorobenzene	0.764	0.762	0.3	86	0.00
76 T	1,4-Dichlorobenzene	0.763	0.728	4.6	87	0.00
77 T	1,2-Dichlorobenzene	0.739	0.731	1.1	88	0.01
78 T	Hexachloro-1,3-Butadiene	0.636	0.448	29.6	71	0.01
79 T	Naphthalene	1.048	0.826	21.2	61	0.01
80 T	Naphthalene,2-methyl-	0.275	0.172	37.5#	42	0.00
81 T	1,2,4-Trichlorobenzene	0.605	0.485	19.8	66	0.00

(#) = Out of Range

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