

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL081321\
 Data File : VL037442.D
 Acq On : 13 Aug 2021 10:31
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 13 12:21:44 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 12 15:26:13 2021
 QLast Update : Thu Aug 12 15:26:13 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	96	0.00
2 T	Dichlorodifluoromethane	1.528	1.189	22.2	92	0.00
3	Chlorodifluoromethane	1.964	1.805	8.1	100	0.00
4	Chloromethane	0.706	0.669	5.2	103	0.00
5 T	Vinyl Chloride	0.778	0.672	13.6	98	0.00
6 T	Bromomethane	0.403	0.370	8.2	96	0.00
7	Chloroethane	0.257	0.246	4.3	99	0.00
8 T	Dichlorotetrafluoroethane	1.705	1.576	7.6	98	0.00
9 T	Propene	0.659	0.648	1.7	104	0.00
10 T	Heptane	1.604	1.598	0.4	100	0.00
11 T	Trichlorofluoromethane	1.653	1.483	10.3	96	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.158	1.113	3.9	97	0.00
13	Ethanol	0.070	0.066	5.7	102	0.00
14 T	Bromoethene	0.515	0.470	8.7	91	0.00
15 T	Acetone	1.061	0.817	23.0	95	0.00
16 T	1,3-Butadiene	0.712	0.657	7.7	97	0.00
17	tert-Butyl alcohol	1.012	0.926	8.5	91	0.00
18 T	1,1-Dichloroethene	0.538	0.498	7.4	97	0.00
19 T	Isopropyl Alcohol	0.617	0.555	10.0	94	0.00
20 T	Methylene Chloride	0.561	0.447	20.3	95	0.00
21 T	Allyl Chloride	0.831	0.800	3.7	100	0.00
22 T	trans-1,2-Dichloroethene	0.504	0.522	-3.6	105	0.00
23 T	Vinyl Acetate	1.627	1.251	23.1	77	0.00
24 T	1,1-Dichloroethane	1.264	1.018	19.5	84	0.00
25 T	Ethyl Acetate	2.527	2.472	2.2	100	0.00
26 T	Hexane	1.304	1.223	6.2	101	0.00
27 T	Carbon Disulfide	1.100	1.208	-9.8	98	0.00
28 T	Methyl tert-Butyl Ether	1.396	1.077	22.9	78	0.00
29 T	Chloroform	1.836	1.729	5.8	97	0.00
30 T	Cyclohexane	1.074	1.018	5.2	99	0.00
31 T	cis-1,2-Dichloroethene	1.127	1.154	-2.4	100	0.00
32 T	1,1,1-Trichloroethane	1.853	1.714	7.5	99	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
34 T	2-Butanone	0.413	0.355	14.0	91	0.00
35 T	Carbon Tetrachloride	0.617	0.593	3.9	99	0.00
36 T	Benzene	0.843	0.827	1.9	101	0.00
37 T	1,2-Dichloroethane	0.430	0.416	3.3	98	0.00
38 T	Trichloroethene	0.372	0.329	11.6	100	0.00
39 T	1,2-Dichloropropane	0.321	0.312	2.8	100	0.00
40 T	1,4-Dioxane	0.078	0.083	-6.4	116	0.00
41 T	Tetrahydrofuran	0.190	0.190	0.0	103	0.00
42 T	Bromodichloromethane	0.603	0.627	-4.0	101	0.00
43	Methyl Methacrylate	0.286	0.296	-3.5	98	0.00
44 T	2,2,4-Trimethylpentane	1.410	1.365	3.2	100	0.00
45 T	t-1,3-Dichloropropene	0.212	0.258	-21.7	100	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.296	0.334	-12.8	99	0.00
47 T	1,1,2-Trichloroethane	0.347	0.332	4.3	99	0.00
48 T	Dibromochloromethane	0.501	0.530	-5.8	96	0.00
49 T	Bromoform	0.380	0.413	-8.7	94	0.00
50 T	4-Methyl-2-Pentanone	0.519	0.532	-2.5	101	0.00
51 T	2-Hexanone	0.244	0.257	-5.3	101	0.00
52 T	Tetrachloroethene	0.355	0.303	14.6	99	0.00
53 T	Toluene	0.963	0.967	-0.4	100	0.00
54 T	1,2-Dibromoethane	0.473	0.482	-1.9	100	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
56	1,1,1,2-Tetrachloroethane	0.398	0.380	4.5	96	0.00
57 T	Chlorobenzene	0.810	0.721	11.0	97	0.00
58 T	Ethyl Benzene	1.357	1.304	3.9	97	0.00
59 T	m/p-Xylene	1.192	1.122	5.9	100	0.00
60 T	o-Xylene	1.107	1.012	8.6	99	0.00
61 T	Styrene	0.559	0.572	-2.3	97	0.00
62	Isopropylbenzene	1.583	1.410	10.9	98	0.00
63 T	1,1,2,2-Tetrachloroethane	0.835	0.728	12.8	99	0.00
64	n-propylbenzene	0.398	0.384	3.5	102	0.00
65	tert-Butylbenzene	1.428	1.294	9.4	98	0.00
66 T	Benzyl Chloride	0.065	0.081	-24.6	105	0.00
67	sec-Butylbenzene	1.943	1.811	6.8	100	0.00
68 S	1-Bromo-4-Fluorobenzene	0.717	0.677	5.6	92	0.00
69	p-Isopropyltoluene	1.594	1.520	4.6	99	0.00
70	n-Butylbenzene	1.482	1.488	-0.4	101	0.00
71	2-Chlorotoluene	1.120	1.047	6.5	97	0.00
72 T	4-Ethyltoluene	1.285	1.252	2.6	101	0.00
73 T	1,3,5-Trimethylbenzene	1.215	1.130	7.0	99	0.00
74 T	1,2,4-Trimethylbenzene	1.244	1.181	5.1	99	0.00
75 T	1,3-Dichlorobenzene	0.761	0.714	6.2	98	0.00
76 T	1,4-Dichlorobenzene	0.755	0.694	8.1	100	0.00
77 T	1,2-Dichlorobenzene	0.732	0.697	4.8	101	0.00
78 T	Hexachloro-1,3-Butadiene	0.593	0.515	13.2	102	0.00
79 T	Naphthalene	0.676	0.869	-28.6	101	0.00
80 T	Naphthalene,2-methyl-	0.143	0.257	-79.7#	110	0.00
81 T	1,2,4-Trichlorobenzene	0.459	0.524	-14.2	99	0.00

(#) = Out of Range

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