

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081121\
 Data File : VL037407.D
 Acq On : 12 Aug 2021 2:29
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 12 04:42:31 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 11 09:01:07 2021
 QLast Update : Wed Aug 11 09:01:07 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	29	0.00
2 T	Dichlorodifluoromethane	1.808	2.277	-25.9	50	0.00
3	Chlorodifluoromethane	1.859	1.925	-3.6	34	0.00
4	Chloromethane	0.685	0.674	1.6	32	0.00
5 T	Vinyl Chloride	0.700	0.724	-3.4	33	0.00
6 T	Bromomethane	0.383	0.397	-3.7	33	0.00
7	Chloroethane	0.240	0.304	-26.7	42	0.00
8 T	Dichlorotetrafluoroethane	1.577	1.704	-8.1	34	0.00
9 T	Propene	0.633	0.619	2.2	32	0.00
10 T	Heptane	1.497	1.667	-11.4	33	0.00
11 T	Trichlorofluoromethane	1.520	2.210	-45.4#	46	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.082	1.749	-61.6#	53	0.00
13	Ethanol	0.076	0.044#	42.1#	17#	0.00
14 T	Bromoethene	0.495	0.672	-35.8#	42	0.00
15 T	Acetone	0.953	1.043	-9.4	39	0.00
16 T	1,3-Butadiene	0.669	0.662	1.0	31	0.00
17	tert-Butyl alcohol	0.852	0.119	86.0#	4#	0.04
18 T	1,1-Dichloroethene	0.490	0.744	-51.8#	49	0.00
19 T	Isopropyl Alcohol	0.549	0.165	69.9#	9#	0.03
20 T	Methylene Chloride	0.517	0.660	-27.7	48	0.00
21 T	Allyl Chloride	0.747	0.979	-31.1#	39	0.00
22 T	trans-1,2-Dichloroethene	0.463	0.746	-61.1#	49	0.00
23 T	Vinyl Acetate	1.531	1.611	-5.2	31	0.00
24 T	1,1-Dichloroethane	1.204	1.529	-27.0	39	0.00
25 T	Ethyl Acetate	2.439	2.444	-0.2	31	0.00
26 T	Hexane	1.235	1.240	-0.4	33	0.00
27 T	Carbon Disulfide	1.035	1.869	-80.6#	50	0.00
28 T	Methyl tert-Butyl Ether	1.319	1.516	-14.9	35	0.00
29 T	Chloroform	1.771	1.850	-4.5	33	0.00
30 T	Cyclohexane	1.023	1.042	-1.9	32	0.00
31 T	cis-1,2-Dichloroethene	1.107	1.166	-5.3	32	0.00
32 T	1,1,1-Trichloroethane	1.717	1.767	-2.9	33	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	29	0.00
34 T	2-Butanone	0.380	0.333	12.4	30	0.00
35 T	Carbon Tetrachloride	0.558	0.598	-7.2	32	0.00
36 T	Benzene	0.794	0.842	-6.0	33	0.00
37 T	1,2-Dichloroethane	0.406	0.402	1.0	31	0.00
38 T	Trichloroethene	0.338	0.339	-0.3	34	0.00
39 T	1,2-Dichloropropane	0.290	0.307	-5.9	32	0.00
40 T	1,4-Dioxane	0.077	0.003#	96.1#	1#	0.08
41 T	Tetrahydrofuran	0.179	0.168	6.1	29	0.00
42 T	Bromodichloromethane	0.574	0.602	-4.9	32	0.00
43	Methyl Methacrylate	0.276	0.259	6.2	28	0.00
44 T	2,2,4-Trimethylpentane	1.324	1.429	-7.9	34	0.00
45 T	t-1,3-Dichloropropene	0.207	0.152	26.6	19#	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.280	0.219	21.8	21	0.00
47 T	1,1,2-Trichloroethane	0.327	0.333	-1.8	32	0.00
48 T	Dibromochloromethane	0.482	0.514	-6.6	30	0.00
49 T	Bromoform	0.379	0.378	0.3	28	0.00
50 T	4-Methyl-2-Pentanone	0.496	0.297	40.1#	18#	0.02
51 T	2-Hexanone	0.220	0.007#	96.8#	1#	0.06
52 T	Tetrachloroethene	0.323	0.312	3.4	33	0.00
53 T	Toluene	0.920	0.982	-6.7	32	0.00
54 T	1,2-Dibromoethane	0.463	0.435	6.0	28	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	29	0.00
56	1,1,1,2-Tetrachloroethane	0.387	0.443	-14.5	35	0.00
57 T	Chlorobenzene	0.772	0.785	-1.7	32	0.00
58 T	Ethyl Benzene	1.335	1.421	-6.4	32	0.00
59 T	m/p-Xylene	1.149	1.159	-0.9	31	0.00
60 T	o-Xylene	1.065	1.080	-1.4	31	0.00
61 T	Styrene	0.552	0.498	9.8	26	0.00
62	Isopropylbenzene	1.501	0.997	33.6#	20	0.00
63 T	1,1,2,2-Tetrachloroethane	0.806	0.336	58.3#	14#	0.00
64	n-propylbenzene	0.381	0.099	74.0#	8#	0.00
65	tert-Butylbenzene	1.354	0.065	95.2#	2#	0.00
66 T	Benzyl Chloride	0.057	0.004#	93.0#	2#	0.03
67	sec-Butylbenzene	1.861	0.042#	97.7#	1#	0.00
68 S	1-Bromo-4-Fluorobenzene	0.746	0.661	11.4	25	0.00
69	p-Isopropyltoluene	1.503	0.010#	99.3#	0#	0.00
70	n-Butylbenzene	1.412	0.002#	99.9#	0#	0.06
71	2-Chlorotoluene	1.096	0.456	58.4#	13#	0.00
72 T	4-Ethyltoluene	1.246	0.220	82.3#	5#	0.00
73 T	1,3,5-Trimethylbenzene	1.156	0.135	88.3#	4#	0.00
74 T	1,2,4-Trimethylbenzene	1.174	0.054	95.4#	1#	0.00
75 T	1,3-Dichlorobenzene	0.713	0.028#	96.1#	1#	0.00
76 T	1,4-Dichlorobenzene	0.700	0.022#	96.9#	1#	0.00
77 T	1,2-Dichlorobenzene	0.687	0.006#	99.1#	0#	0.03
78 T	Hexachloro-1,3-Butadiene	0.551	0.000#	100.0#	0#	0.04
79 T	Naphthalene	0.639	0.000#	100.0#	0#	0.00
80 T	Naphthalene,2-methyl-	0.126	0.000#	100.0#	0#	0.03
81 T	1,2,4-Trichlorobenzene	0.438	0.000#	100.0#	0#	-0.21

(#) = Out of Range

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