

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL111621\
 Data File : VL038043.D
 Acq On : 16 Nov 2021 17:18
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 17 07:42:56 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 16 09:59:16 2021
 QLast Update : Tue Nov 16 09:59:16 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	98	0.00
2 T	Dichlorodifluoromethane	2.034	1.391	31.6#	76	0.00
3	Chlorodifluoromethane	2.600	1.715	34.0#	74	0.00
4	Chloromethane	0.925	0.562	39.2#	66	0.00
5 T	Vinyl Chloride	0.888	0.549	38.2#	64	0.00
6 T	Bromomethane	0.475	0.283	40.4#	64	0.00
7	Chloroethane	0.312	0.189	39.4#	65	0.00
8 T	Dichlorotetrafluoroethane	2.107	1.278	39.3#	68	0.00
9 T	Propene	0.980	0.587	40.1#	67	0.00
10 T	Heptane	2.413	1.476	38.8#	69	-0.01
11 T	Trichlorofluoromethane	2.010	1.191	40.7#	67	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.558	0.861	44.7#	61	0.00
13	Ethanol	0.087	0.064	26.4	83	-0.02
14 T	Bromoethene	0.651	0.384	41.0#	68	0.00
15 T	Acetone	1.176	0.635	46.0#	65	0.00
16 T	1,3-Butadiene	0.871	0.550	36.9#	68	0.00
17	tert-Butyl alcohol	1.579	0.850	46.2#	56	0.00
18 T	1,1-Dichloroethene	0.719	0.386	46.3#	60	0.00
19 T	Isopropyl Alcohol	0.861	0.463	46.2#	62	0.00
20 T	Methylene Chloride	0.690	0.317	54.1#	59	0.00
21 T	Allyl Chloride	1.177	0.608	48.3#	57	0.00
22 T	trans-1,2-Dichloroethene	0.725	0.422	41.8#	61	0.00
23 T	Vinyl Acetate	1.947	1.048	46.2#	58	0.00
24 T	1,1-Dichloroethane	1.519	0.847	44.2#	61	0.00
25 T	Ethyl Acetate	2.766	2.105	23.9	83	0.00
26 T	Hexane	1.389	1.066	23.3	87	0.00
27 T	Carbon Disulfide	1.822	1.008	44.7#	58	0.00
28 T	Methyl tert-Butyl Ether	1.782	0.870	51.2#	53	0.00
29 T	Chloroform	2.093	1.568	25.1	78	0.00
30 T	Cyclohexane	1.565	0.953	39.1#	69	0.00
31 T	cis-1,2-Dichloroethene	1.150	1.020	11.3	95	0.00
32 T	1,1,1-Trichloroethane	2.656	1.628	38.7#	71	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	77	-0.01
34 T	2-Butanone	0.330	0.300	9.1	81	0.00
35 T	Carbon Tetrachloride	0.691	0.554	19.8	72	0.00
36 T	Benzene	0.951	0.773	18.7	70	-0.01
37 T	1,2-Dichloroethane	0.442	0.388	12.2	73	0.00
38 T	Trichloroethene	0.386	0.276	28.5	68	0.00
39 T	1,2-Dichloropropane	0.368	0.302	17.9	69	0.00
40 T	1,4-Dioxane	0.095	0.072	24.2	72	-0.01
41 T	Tetrahydrofuran	0.237	0.169	28.7	60	0.00
42 T	Bromodichloromethane	0.695	0.587	15.5	71	0.00
43	Methyl Methacrylate	0.339	0.294	13.3	72	0.00
44 T	2,2,4-Trimethylpentane	1.634	1.259	22.9	70	0.00
45 T	t-1,3-Dichloropropene	0.281	0.206	26.7	55	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.367	0.280	23.7	60	-0.01
47 T	1,1,2-Trichloroethane	0.373	0.315	15.5	71	0.00
48 T	Dibromochloromethane	0.607	0.513	15.5	72	-0.01
49 T	Bromoform	0.469	0.398	15.1	71	0.00
50 T	4-Methyl-2-Pentanone	0.595	0.500	16.0	70	-0.01
51 T	2-Hexanone	0.278	0.258	7.2	77	-0.02
52 T	Tetrachloroethene	0.359	0.263	26.7	70	-0.01
53 T	Toluene	1.112	0.901	19.0	71	-0.01
54 T	1,2-Dibromoethane	0.523	0.451	13.8	72	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	73	0.00
56	1,1,1,2-Tetrachloroethane	0.437	0.361	17.4	72	-0.01
57 T	Chlorobenzene	0.820	0.691	15.7	73	0.00
58 T	Ethyl Benzene	1.519	1.261	17.0	73	-0.01
59 T	m/p-Xylene	1.262	1.029	18.5	74	0.00
60 T	o-Xylene	1.171	0.934	20.2	73	-0.01
61 T	Styrene	0.653	0.549	15.9	69	-0.01
62	Isopropylbenzene	1.694	1.399	17.4	75	0.00
63 T	1,1,2,2-Tetrachloroethane	0.876	0.695	20.7	77	0.00
64	n-propylbenzene	0.432	0.374	13.4	77	0.00
65	tert-Butylbenzene	1.486	1.210	18.6	78	-0.01
66 T	Benzyl Chloride	0.104	0.049#	52.9#	39	0.00
67	sec-Butylbenzene	2.053	1.708	16.8	79	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.722	0.738	-2.2	78	-0.01
69	p-Isopropyltoluene	1.655	1.417	14.4	80	0.00
70	n-Butylbenzene	1.517	1.410	7.1	84	-0.01
71	2-Chlorotoluene	1.212	1.049	13.4	78	-0.02
72 T	4-Ethyltoluene	1.397	1.180	15.5	74	0.00
73 T	1,3,5-Trimethylbenzene	1.278	1.073	16.0	77	-0.01
74 T	1,2,4-Trimethylbenzene	1.286	1.080	16.0	78	0.00
75 T	1,3-Dichlorobenzene	0.710	0.654	7.9	80	0.00
76 T	1,4-Dichlorobenzene	0.727	0.637	12.4	79	0.00
77 T	1,2-Dichlorobenzene	0.681	0.635	6.8	84	-0.01
78 T	Hexachloro-1,3-Butadiene	0.442	0.417	5.7	97	0.00
79 T	Naphthalene	0.706	0.867	-22.8	103	0.00
80 T	Naphthalene,2-methyl-	0.133	0.228	-71.4#	142	0.00
81 T	1,2,4-Trichlorobenzene	0.399	0.457	-14.5	101	-0.02

(#) = Out of Range

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