

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL032621\
 Data File : VL036534.D
 Acq On : 27 Mar 2021 4:34
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 27 06:26:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 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	1.631	0.021#	98.7#	1#	0.00
3	Chlorodifluoromethane	1.868	0.030#	98.4#	2#	0.00
4	Chloromethane	0.660	0.017#	97.4#	2#	0.00
5 T	Vinyl Chloride	0.679	0.000#	100.0#	0#	0.00
6 T	Bromomethane	0.374	0.000#	100.0#	0#	0.00
7	Chloroethane	0.233	0.000#	100.0#	0#	0.00
8 T	Dichlorotetrafluoroethane	1.557	0.000#	100.0#	0#	0.03
9 T	Propene	0.596	0.020#	96.6#	3#	0.00
10 T	Heptane	1.517	0.001#	99.9#	0#	0.00
11 T	Trichlorofluoromethane	1.662	0.021#	98.7#	1#	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.063	0.001#	99.9#	0#	0.00
13	Ethanol	0.071	0.562	-691.5#	674#	0.01
14 T	Bromoethene	0.442	0.000#	100.0#	0#	0.09
15 T	Acetone	0.984	0.362	63.2#	35	0.00
16 T	1,3-Butadiene	0.685	0.000#	100.0#	0#	-3.32#
17	tert-Butyl alcohol	0.857	0.011#	98.7#	1#	0.02
18 T	1,1-Dichloroethene	0.473	0.000#	100.0#	0#	0.00
19 T	Isopropyl Alcohol	0.541	0.156	71.2#	25	0.02
20 T	Methylene Chloride	0.461	0.368	20.2	77	0.00
21 T	Allyl Chloride	0.785	0.000#	100.0#	0#	0.00
22 T	trans-1,2-Dichloroethene	0.438	0.000#	100.0#	0#	0.00
23 T	Vinyl Acetate	1.684	0.000#	100.0#	0#	-5.08#
24 T	1,1-Dichloroethane	1.227	0.001#	99.9#	0#	0.00
25 T	Ethyl Acetate	2.340	0.000#	100.0#	0#	-5.68#
26 T	Hexane	1.086	0.282	74.0#	23	0.00
27 T	Carbon Disulfide	1.070	0.001#	99.9#	0#	0.00
28 T	Methyl tert-Butyl Ether	1.281	0.001#	99.9#	0#	-0.02
29 T	Chloroform	1.737	0.000#	100.0#	0#	-5.75#
30 T	Cyclohexane	0.881	0.001#	99.9#	0#	-0.01
31 T	cis-1,2-Dichloroethene	1.050	0.000#	100.0#	0#	-5.55#
32 T	1,1,1-Trichloroethane	1.750	0.000#	100.0#	0#	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
34 T	2-Butanone	0.488	0.012#	97.5#	2#	0.00
35 T	Carbon Tetrachloride	0.768	0.003#	99.6#	0#	0.00
36 T	Benzene	0.922	0.000#	100.0#	0#	-6.90#
37 T	1,2-Dichloroethane	0.543	0.000#	100.0#	0#	0.00
38 T	Trichloroethene	0.359	0.021#	94.2#	5#	-0.02
39 T	1,2-Dichloropropane	0.374	0.000#	100.0#	0#	-7.62#
40 T	1,4-Dioxane	0.087	0.000#	100.0#	0#	0.00
41 T	Tetrahydrofuran	0.225	0.000#	100.0#	0#	-6.05#
42 T	Bromodichloromethane	0.738	0.000#	100.0#	0#	0.00
43	Methyl Methacrylate	0.310	0.000#	100.0#	0#	0.00
44 T	2,2,4-Trimethylpentane	1.623	0.001#	99.9#	0#	0.00
45 T	t-1,3-Dichloropropene	0.354	0.000#	100.0#	0#	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.452	0.000#	100.0#	0#	0.00
47 T	1,1,2-Trichloroethane	0.379	0.000#	100.0#	0#	0.00
48 T	Dibromochloromethane	0.578	0.000#	100.0#	0#	0.10
49 T	Bromoform	0.465	0.000#	100.0#	0#	-0.01
50 T	4-Methyl-2-Pentanone	0.706	0.000#	100.0#	0#	0.00
51 T	2-Hexanone	0.356	0.000#	100.0#	0#	0.00
52 T	Tetrachloroethene	0.340	0.000#	100.0#	0#	-0.02
53 T	Toluene	0.982	0.011#	98.9#	1#	0.00
54 T	1,2-Dibromoethane	0.535	0.000#	100.0#	0#	0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	70	0.00
56	1,1,1,2-Tetrachloroethane	0.452	0.000#	100.0#	0#	0.02
57 T	Chlorobenzene	0.851	0.000#	100.0#	0#	0.00
58 T	Ethyl Benzene	1.455	0.000#	100.0#	0#	-0.03
59 T	m/p-Xylene	1.269	0.000#	100.0#	0#	0.00
60 T	o-Xylene	1.227	0.001#	99.9#	0#	0.00
61 T	Styrene	0.617	0.000#	100.0#	0#	-13.54#
62	Isopropylbenzene	1.652	0.000#	100.0#	0#	-0.25
63 T	1,1,2,2-Tetrachloroethane	0.936	0.000#	100.0#	0#	0.00
64	n-propylbenzene	0.404	0.000#	100.0#	0#	-0.13
65	tert-Butylbenzene	1.433	0.000#	100.0#	0#	0.00
66 T	Benzyl Chloride	0.158	0.000#	100.0#	0#	0.00
67	sec-Butylbenzene	2.022	0.000#	100.0#	0#	0.00
68 S	1-Bromo-4-Fluorobenzene	0.797	0.774	2.9	65	0.00
69	p-Isopropyltoluene	1.579	0.000#	100.0#	0#	0.00
70	n-Butylbenzene	1.638	0.000#	100.0#	0#	0.00
71	2-Chlorotoluene	1.238	0.000#	100.0#	0#	0.30
72 T	4-Ethyltoluene	1.344	0.000#	100.0#	0#	0.00
73 T	1,3,5-Trimethylbenzene	1.255	0.000#	100.0#	0#	0.00
74 T	1,2,4-Trimethylbenzene	1.343	0.001#	99.9#	0#	0.00
75 T	1,3-Dichlorobenzene	0.756	0.000#	100.0#	0#	-0.01
76 T	1,4-Dichlorobenzene	0.750	0.000#	100.0#	0#	-17.15#
77 T	1,2-Dichlorobenzene	0.710	0.000#	100.0#	0#	-0.02
78 T	Hexachloro-1,3-Butadiene	0.636	0.000#	100.0#	0#	-0.02
79 T	Naphthalene	0.784	0.000#	100.0#	0#	0.00
80 T	Naphthalene,2-methyl-	0.155	0.000#	100.0#	0#	0.00
81 T	1,2,4-Trichlorobenzene	0.484	0.000#	100.0#	0#	-0.04

(#) = Out of Range

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