

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL040221\
 Data File : VL036675.D
 Acq On : 3 Apr 2021 11:05
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 05 09:10:06 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	68	-0.03
2 T	Dichlorodifluoromethane	1.631	1.207	26.0	54	-0.02
3	Chlorodifluoromethane	1.868	1.579	15.5	64	-0.02
4	Chloromethane	0.660	0.502	23.9	55	-0.02
5 T	Vinyl Chloride	0.679	0.512	24.6	55	-0.02
6 T	Bromomethane	0.374	0.285	23.8	55	-0.02
7	Chloroethane	0.233	0.178	23.6	58	-0.02
8 T	Dichlorotetrafluoroethane	1.557	1.237	20.6	58	-0.02
9 T	Propene	0.596	0.486	18.5	58	-0.02
10 T	Heptane	1.517	1.272	16.2	58	-0.03
11 T	Trichlorofluoromethane	1.662	1.283	22.8	57	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.063	0.867	18.4	58	-0.03
13	Ethanol	0.071	0.064	9.9	62	-0.02
14 T	Bromoethene	0.442	0.364	17.6	58	-0.02
15 T	Acetone	0.984	0.817	17.0	65	-0.02
16 T	1,3-Butadiene	0.685	0.565	17.5	59	-0.02
17	tert-Butyl alcohol	0.857	0.766	10.6	63	-0.02
18 T	1,1-Dichloroethene	0.473	0.386	18.4	58	-0.02
19 T	Isopropyl Alcohol	0.541	0.415	23.3	55	-0.03
20 T	Methylene Chloride	0.461	0.336	27.1	57	-0.02
21 T	Allyl Chloride	0.785	0.631	19.6	55	-0.03
22 T	trans-1,2-Dichloroethene	0.438	0.384	12.3	61	-0.03
23 T	Vinyl Acetate	1.684	1.543	8.4	63	-0.03
24 T	1,1-Dichloroethane	1.227	0.991	19.2	57	-0.02
25 T	Ethyl Acetate	2.340	1.932	17.4	59	-0.03
26 T	Hexane	1.086	0.935	13.9	61	-0.02
27 T	Carbon Disulfide	1.070	0.864	19.3	54	-0.03
28 T	Methyl tert-Butyl Ether	1.281	1.135	11.4	61	-0.03
29 T	Chloroform	1.737	1.386	20.2	58	-0.03
30 T	Cyclohexane	0.881	0.749	15.0	58	-0.03
31 T	cis-1,2-Dichloroethene	1.050	0.917	12.7	59	-0.03
32 T	1,1,1-Trichloroethane	1.750	1.408	19.5	58	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	73	-0.03
34 T	2-Butanone	0.488	0.343	29.7	54	-0.03
35 T	Carbon Tetrachloride	0.768	0.557	27.5	60	-0.03
36 T	Benzene	0.922	0.700	24.1	59	-0.03
37 T	1,2-Dichloroethane	0.543	0.409	24.7	59	-0.03
38 T	Trichloroethene	0.359	0.267	25.6	63	-0.03
39 T	1,2-Dichloropropane	0.374	0.279	25.4	58	-0.03
40 T	1,4-Dioxane	0.087	0.056	35.6#	52	-0.04
41 T	Tetrahydrofuran	0.225	0.166	26.2	52	-0.03
42 T	Bromodichloromethane	0.738	0.561	24.0	58	-0.03
43	Methyl Methacrylate	0.310	0.274	11.6	62	-0.03
44 T	2,2,4-Trimethylpentane	1.623	1.226	24.5	62	-0.03
45 T	t-1,3-Dichloropropene	0.354	0.262	26.0	50	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.452	0.323	28.5	50	-0.03
47 T	1,1,2-Trichloroethane	0.379	0.283	25.3	59	-0.03
48 T	Dibromochloromethane	0.578	0.483	16.4	61	-0.03
49 T	Bromoform	0.465	0.405	12.9	62	-0.03
50 T	4-Methyl-2-Pentanone	0.706	0.516	26.9	53	-0.03
51 T	2-Hexanone	0.356	0.298	16.3	55	-0.03
52 T	Tetrachloroethene	0.340	0.274	19.4	67	-0.03
53 T	Toluene	0.982	0.823	16.2	62	-0.03
54 T	1,2-Dibromoethane	0.535	0.423	20.9	61	-0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	75	-0.03
56	1,1,1,2-Tetrachloroethane	0.452	0.371	17.9	64	-0.03
57 T	Chlorobenzene	0.851	0.652	23.4	63	-0.03
58 T	Ethyl Benzene	1.455	1.193	18.0	62	-0.03
59 T	m/p-Xylene	1.269	1.002	21.0	62	-0.03
60 T	o-Xylene	1.227	0.938	23.6	62	-0.03
61 T	Styrene	0.617	0.522	15.4	57	-0.03
62	Isopropylbenzene	1.652	1.342	18.8	65	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.936	0.638	31.8#	60	-0.03
64	n-propylbenzene	0.404	0.349	13.6	66	-0.03
65	tert-Butylbenzene	1.433	1.178	17.8	66	-0.03
66 T	Benzyl Chloride	0.158	0.145	8.2	63	-0.03
67	sec-Butylbenzene	2.022	1.626	19.6	66	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.797	0.803	-0.8	72	-0.03
69	p-Isopropyltoluene	1.579	1.391	11.9	68	-0.03
70	n-Butylbenzene	1.638	1.348	17.7	64	-0.03
71	2-Chlorotoluene	1.238	1.010	18.4	64	-0.03
72 T	4-Ethyltoluene	1.344	1.137	15.4	65	-0.03
73 T	1,3,5-Trimethylbenzene	1.255	1.020	18.7	63	-0.03
74 T	1,2,4-Trimethylbenzene	1.343	1.052	21.7	64	-0.03
75 T	1,3-Dichlorobenzene	0.756	0.625	17.3	67	-0.03
76 T	1,4-Dichlorobenzene	0.750	0.606	19.2	66	-0.03
77 T	1,2-Dichlorobenzene	0.710	0.611	13.9	69	-0.04
78 T	Hexachloro-1,3-Butadiene	0.636	0.490	23.0	70	-0.03
79 T	Naphthalene	0.784	0.703	10.3	57	-0.03
80 T	Naphthalene,2-methyl-	0.155	0.092	40.6#	28	-0.02
81 T	1,2,4-Trichlorobenzene	0.484	0.445	8.1	66	-0.03

(#) = Out of Range

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