

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL040521\
 Data File : VL036677.D
 Acq On : 5 Apr 2021 15:57
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 06 08:14:56 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	88	0.00
2 T	Dichlorodifluoromethane	1.631	1.168	28.4	67	0.00
3	Chlorodifluoromethane	1.868	1.598	14.5	83	0.00
4	Chloromethane	0.660	0.544	17.6	77	0.00
5 T	Vinyl Chloride	0.679	0.525	22.7	73	0.00
6 T	Bromomethane	0.374	0.296	20.9	74	0.00
7	Chloroethane	0.233	0.183	21.5	77	0.00
8 T	Dichlorotetrafluoroethane	1.557	1.226	21.3	75	0.00
9 T	Propene	0.596	0.502	15.8	77	0.00
10 T	Heptane	1.517	1.300	14.3	77	0.00
11 T	Trichlorofluoromethane	1.662	1.237	25.6	71	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.063	0.829	22.0	72	0.00
13	Ethanol	0.071	0.054	23.9	69	0.00
14 T	Bromoethene	0.442	0.360	18.6	74	0.00
15 T	Acetone	0.984	1.118	-13.6	114	0.00
16 T	1,3-Butadiene	0.685	0.591	13.7	79	0.00
17	tert-Butyl alcohol	0.857	0.715	16.6	76	0.00
18 T	1,1-Dichloroethene	0.473	0.380	19.7	74	0.00
19 T	Isopropyl Alcohol	0.541	0.389	28.1	66	0.00
20 T	Methylene Chloride	0.461	0.343	25.6	76	0.00
21 T	Allyl Chloride	0.785	0.580	26.1	66	0.00
22 T	trans-1,2-Dichloroethene	0.438	0.365	16.7	74	0.00
23 T	Vinyl Acetate	1.684	1.766	-4.9	93	0.00
24 T	1,1-Dichloroethane	1.227	0.970	20.9	72	0.00
25 T	Ethyl Acetate	2.340	1.933	17.4	77	0.00
26 T	Hexane	1.086	0.974	10.3	82	0.00
27 T	Carbon Disulfide	1.070	0.867	19.0	70	0.00
28 T	Methyl tert-Butyl Ether	1.281	1.026	19.9	71	0.00
29 T	Chloroform	1.737	1.411	18.8	77	0.00
30 T	Cyclohexane	0.881	0.788	10.6	79	0.00
31 T	cis-1,2-Dichloroethene	1.050	0.898	14.5	75	0.00
32 T	1,1,1-Trichloroethane	1.750	1.439	17.8	77	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
34 T	2-Butanone	0.488	0.344	29.5	69	0.00
35 T	Carbon Tetrachloride	0.768	0.580	24.5	78	0.00
36 T	Benzene	0.922	0.743	19.4	79	0.00
37 T	1,2-Dichloroethane	0.543	0.409	24.7	74	0.00
38 T	Trichloroethene	0.359	0.274	23.7	81	0.00
39 T	1,2-Dichloropropane	0.374	0.288	23.0	76	0.00
40 T	1,4-Dioxane	0.087	0.061	29.9	72	0.00
41 T	Tetrahydrofuran	0.225	0.160	28.9	64	0.00
42 T	Bromodichloromethane	0.738	0.585	20.7	76	0.00
43	Methyl Methacrylate	0.310	0.278	10.3	79	0.00
44 T	2,2,4-Trimethylpentane	1.623	1.391	14.3	88	0.00
45 T	t-1,3-Dichloropropene	0.354	0.252	28.8	60	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.452	0.324	28.3	63	0.00
47 T	1,1,2-Trichloroethane	0.379	0.297	21.6	79	0.00
48 T	Dibromochloromethane	0.578	0.486	15.9	77	0.00
49 T	Bromoform	0.465	0.390	16.1	75	0.00
50 T	4-Methyl-2-Pentanone	0.706	0.535	24.2	70	0.00
51 T	2-Hexanone	0.356	0.293	17.7	69	0.01
52 T	Tetrachloroethene	0.340	0.261	23.2	80	0.00
53 T	Toluene	0.982	0.840	14.5	79	0.00
54 T	1,2-Dibromoethane	0.535	0.432	19.3	79	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
56	1,1,1,2-Tetrachloroethane	0.452	0.363	19.7	81	0.00
57 T	Chlorobenzene	0.851	0.660	22.4	82	0.00
58 T	Ethyl Benzene	1.455	1.186	18.5	79	0.00
59 T	m/p-Xylene	1.269	0.997	21.4	79	0.00
60 T	o-Xylene	1.227	0.942	23.2	79	0.00
61 T	Styrene	0.617	0.522	15.4	73	0.00
62	Isopropylbenzene	1.652	1.320	20.1	82	0.00
63 T	1,1,2,2-Tetrachloroethane	0.936	0.662	29.3	79	0.00
64	n-propylbenzene	0.404	0.347	14.1	84	0.00
65	tert-Butylbenzene	1.433	1.147	20.0	83	0.01
66 T	Benzyl Chloride	0.158	0.133	15.8	74	0.00
67	sec-Butylbenzene	2.022	1.603	20.7	83	0.00
68 S	1-Bromo-4-Fluorobenzene	0.797	0.799	-0.3	92	0.00
69	p-Isopropyltoluene	1.579	1.347	14.7	85	0.00
70	n-Butylbenzene	1.638	1.350	17.6	83	0.00
71	2-Chlorotoluene	1.238	1.010	18.4	81	0.00
72 T	4-Ethyltoluene	1.344	1.114	17.1	81	0.00
73 T	1,3,5-Trimethylbenzene	1.255	1.008	19.7	80	0.00
74 T	1,2,4-Trimethylbenzene	1.343	1.052	21.7	82	0.00
75 T	1,3-Dichlorobenzene	0.756	0.604	20.1	82	0.00
76 T	1,4-Dichlorobenzene	0.750	0.584	22.1	82	0.00
77 T	1,2-Dichlorobenzene	0.710	0.586	17.5	85	0.00
78 T	Hexachloro-1,3-Butadiene	0.636	0.465	26.9	86	0.00
79 T	Naphthalene	0.784	0.666	15.1	70	0.02
80 T	Naphthalene,2-methyl-	0.155	0.111	28.4	44	0.01
81 T	1,2,4-Trichlorobenzene	0.484	0.413	14.7	78	0.02

(#) = Out of Range

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