

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL040121\
 Data File : VL036639.D
 Acq On : 1 Apr 2021 21:59
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 02 02:11:39 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	75	0.00
2 T	Dichlorodifluoromethane	1.631	1.270	22.1	63	0.00
3	Chlorodifluoromethane	1.868	1.672	10.5	75	0.00
4	Chloromethane	0.660	0.550	16.7	67	0.00
5 T	Vinyl Chloride	0.679	0.539	20.6	64	0.00
6 T	Bromomethane	0.374	0.306	18.2	65	0.00
7	Chloroethane	0.233	0.195	16.3	70	0.00
8 T	Dichlorotetrafluoroethane	1.557	1.306	16.1	68	0.00
9 T	Propene	0.596	0.556	6.7	73	0.00
10 T	Heptane	1.517	1.586	-4.5	81	0.00
11 T	Trichlorofluoromethane	1.662	1.357	18.4	67	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.063	0.939	11.7	70	0.00
13	Ethanol	0.071	0.074	-4.2	80	0.00
14 T	Bromoethene	0.442	0.396	10.4	69	0.00
15 T	Acetone	0.984	3.745	-280.6#	328#	0.02
16 T	1,3-Butadiene	0.685	0.580	15.3	67	0.00
17	tert-Butyl alcohol	0.857	0.867	-1.2	79	0.00
18 T	1,1-Dichloroethene	0.473	0.421	11.0	70	0.00
19 T	Isopropyl Alcohol	0.541	0.495	8.5	72	0.00
20 T	Methylene Chloride	0.461	0.370	19.7	70	0.00
21 T	Allyl Chloride	0.785	0.717	8.7	70	0.00
22 T	trans-1,2-Dichloroethene	0.438	0.406	7.3	71	0.00
23 T	Vinyl Acetate	1.684	2.155	-28.0	97	0.03
24 T	1,1-Dichloroethane	1.227	1.076	12.3	69	0.00
25 T	Ethyl Acetate	2.340	2.457	-5.0	83	0.00
26 T	Hexane	1.086	1.492	-37.4#	108	0.00
27 T	Carbon Disulfide	1.070	1.049	2.0	72	0.00
28 T	Methyl tert-Butyl Ether	1.281	1.211	5.5	72	0.00
29 T	Chloroform	1.737	1.479	14.9	69	0.00
30 T	Cyclohexane	0.881	0.933	-5.9	80	0.00
31 T	cis-1,2-Dichloroethene	1.050	0.957	8.9	68	0.00
32 T	1,1,1-Trichloroethane	1.750	1.539	12.1	71	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
34 T	2-Butanone	0.488	0.365	25.2	63	0.00
35 T	Carbon Tetrachloride	0.768	0.608	20.8	72	0.00
36 T	Benzene	0.922	0.818	11.3	76	0.00
37 T	1,2-Dichloroethane	0.543	0.431	20.6	68	0.00
38 T	Trichloroethene	0.359	0.293	18.4	76	0.00
39 T	1,2-Dichloropropane	0.374	0.304	18.7	70	0.00
40 T	1,4-Dioxane	0.087	0.062	28.7	64	0.00
41 T	Tetrahydrofuran	0.225	0.175	22.2	61	0.00
42 T	Bromodichloromethane	0.738	0.605	18.0	69	0.00
43	Methyl Methacrylate	0.310	0.304	1.9	76	0.00
44 T	2,2,4-Trimethylpentane	1.623	2.856	-76.0#	158#	0.00
45 T	t-1,3-Dichloropropene	0.354	0.299	15.5	62	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.452	0.369	18.4	62	0.00
47 T	1,1,2-Trichloroethane	0.379	0.299	21.1	69	0.00
48 T	Dibromochloromethane	0.578	0.542	6.2	75	0.00
49 T	Bromoform	0.465	0.484	-4.1	81	0.00
50 T	4-Methyl-2-Pentanone	0.706	0.586	17.0	67	0.00
51 T	2-Hexanone	0.356	0.314	11.8	64	0.00
52 T	Tetrachloroethene	0.340	0.310	8.8	83	0.00
53 T	Toluene	0.982	0.885	9.9	73	0.00
54 T	1,2-Dibromoethane	0.535	0.445	16.8	70	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
56	1,1,1,2-Tetrachloroethane	0.452	0.417	7.7	78	0.00
57 T	Chlorobenzene	0.851	0.722	15.2	75	0.00
58 T	Ethyl Benzene	1.455	1.334	8.3	75	0.00
59 T	m/p-Xylene	1.269	1.107	12.8	74	0.00
60 T	o-Xylene	1.227	1.030	16.1	73	0.00
61 T	Styrene	0.617	0.585	5.2	69	0.00
62	Isopropylbenzene	1.652	1.477	10.6	77	0.00
63 T	1,1,2,2-Tetrachloroethane	0.936	0.706	24.6	71	0.00
64	n-propylbenzene	0.404	0.390	3.5	79	0.00
65	tert-Butylbenzene	1.433	1.309	8.7	79	0.00
66 T	Benzyl Chloride	0.158	0.177	-12.0	83	0.00
67	sec-Butylbenzene	2.022	1.786	11.7	78	0.00
68 S	1-Bromo-4-Fluorobenzene	0.797	0.782	1.9	76	0.00
69	p-Isopropyltoluene	1.579	1.529	3.2	81	0.00
70	n-Butylbenzene	1.638	1.486	9.3	76	0.00
71	2-Chlorotoluene	1.238	1.117	9.8	76	0.00
72 T	4-Ethyltoluene	1.344	1.245	7.4	76	0.00
73 T	1,3,5-Trimethylbenzene	1.255	1.125	10.4	75	0.00
74 T	1,2,4-Trimethylbenzene	1.343	1.156	13.9	76	0.00
75 T	1,3-Dichlorobenzene	0.756	0.710	6.1	81	0.00
76 T	1,4-Dichlorobenzene	0.750	0.698	6.9	82	0.00
77 T	1,2-Dichlorobenzene	0.710	0.683	3.8	83	0.00
78 T	Hexachloro-1,3-Butadiene	0.636	0.561	11.8	87	0.00
79 T	Naphthalene	0.784	0.795	-1.4	70	0.00
80 T	Naphthalene,2-methyl-	0.155	0.082	47.1#	27	0.01
81 T	1,2,4-Trichlorobenzene	0.484	0.515	-6.4	82	0.00

(#) = Out of Range

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