

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040821\
 Data File : VL036767.D
 Acq On : 9 Apr 2021 8:29
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 09 09:02:46 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	87	-0.02
2 T	Dichlorodifluoromethane	1.631	1.063	34.8#	61	0.00
3	Chlorodifluoromethane	1.868	1.570	16.0	81	0.00
4	Chloromethane	0.660	0.507	23.2	72	-0.01
5 T	Vinyl Chloride	0.679	0.517	23.9	72	-0.01
6 T	Bromomethane	0.374	0.291	22.2	72	0.00
7	Chloroethane	0.233	0.174	25.3	72	0.00
8 T	Dichlorotetrafluoroethane	1.557	1.218	21.8	74	0.00
9 T	Propene	0.596	0.459	23.0	70	-0.01
10 T	Heptane	1.517	1.253	17.4	74	-0.02
11 T	Trichlorofluoromethane	1.662	1.278	23.1	73	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.063	0.818	23.0	71	-0.01
13	Ethanol	0.071	0.054	23.9	68	-0.01
14 T	Bromoethene	0.442	0.352	20.4	72	0.00
15 T	Acetone	0.984	0.685	30.4#	70	-0.01
16 T	1,3-Butadiene	0.685	0.537	21.6	72	0.00
17	tert-Butyl alcohol	0.857	0.807	5.8	85	-0.02
18 T	1,1-Dichloroethene	0.473	0.358	24.3	70	-0.01
19 T	Isopropyl Alcohol	0.541	0.457	15.5	77	-0.02
20 T	Methylene Chloride	0.461	0.305	33.8#	67	-0.01
21 T	Allyl Chloride	0.785	0.603	23.2	68	-0.02
22 T	trans-1,2-Dichloroethene	0.438	0.346	21.0	70	-0.01
23 T	Vinyl Acetate	1.684	1.363	19.1	71	-0.02
24 T	1,1-Dichloroethane	1.227	0.929	24.3	69	-0.01
25 T	Ethyl Acetate	2.340	1.841	21.3	73	-0.02
26 T	Hexane	1.086	0.867	20.2	73	-0.02
27 T	Carbon Disulfide	1.070	0.925	13.6	74	-0.02
28 T	Methyl tert-Butyl Ether	1.281	0.973	24.0	67	-0.01
29 T	Chloroform	1.737	1.430	17.7	78	-0.02
30 T	Cyclohexane	0.881	0.746	15.3	74	-0.01
31 T	cis-1,2-Dichloroethene	1.050	0.874	16.8	73	-0.02
32 T	1,1,1-Trichloroethane	1.750	1.440	17.7	77	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	-0.02
34 T	2-Butanone	0.488	0.346	29.1	67	-0.02
35 T	Carbon Tetrachloride	0.768	0.599	22.0	79	-0.02
36 T	Benzene	0.922	0.742	19.5	76	-0.02
37 T	1,2-Dichloroethane	0.543	0.423	22.1	74	-0.02
38 T	Trichloroethene	0.359	0.272	24.2	78	-0.02
39 T	1,2-Dichloropropane	0.374	0.287	23.3	73	-0.02
40 T	1,4-Dioxane	0.087	0.075	13.8	85	-0.02
41 T	Tetrahydrofuran	0.225	0.153	32.0#	59	-0.02
42 T	Bromodichloromethane	0.738	0.616	16.5	78	-0.02
43	Methyl Methacrylate	0.310	0.281	9.4	78	-0.01
44 T	2,2,4-Trimethylpentane	1.623	1.255	22.7	77	-0.02
45 T	t-1,3-Dichloropropene	0.354	0.282	20.3	65	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.452	0.356	21.2	67	-0.02
47 T	1,1,2-Trichloroethane	0.379	0.301	20.6	77	-0.02
48 T	Dibromochloromethane	0.578	0.507	12.3	78	-0.02
49 T	Bromoform	0.465	0.425	8.6	79	-0.02
50 T	4-Methyl-2-Pentanone	0.706	0.534	24.4	67	-0.02
51 T	2-Hexanone	0.356	0.276	22.5	63	-0.01
52 T	Tetrachloroethene	0.340	0.253	25.6	75	-0.02
53 T	Toluene	0.982	0.839	14.6	77	-0.02
54 T	1,2-Dibromoethane	0.535	0.435	18.7	77	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	88	-0.02
56	1,1,1,2-Tetrachloroethane	0.452	0.396	12.4	80	-0.02
57 T	Chlorobenzene	0.851	0.710	16.6	80	-0.02
58 T	Ethyl Benzene	1.455	1.280	12.0	78	-0.01
59 T	m/p-Xylene	1.269	1.090	14.1	79	-0.02
60 T	o-Xylene	1.227	1.025	16.5	79	-0.02
61 T	Styrene	0.617	0.559	9.4	71	-0.02
62	Isopropylbenzene	1.652	1.429	13.5	81	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.936	0.763	18.5	83	-0.02
64	n-propylbenzene	0.404	0.370	8.4	81	-0.01
65	tert-Butylbenzene	1.433	1.238	13.6	82	-0.02
66 T	Benzyl Chloride	0.158	0.100	36.7#	51	-0.02
67	sec-Butylbenzene	2.022	1.753	13.3	83	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.797	0.658	17.4	69	-0.02
69	p-Isopropyltoluene	1.579	1.426	9.7	82	-0.02
70	n-Butylbenzene	1.638	1.484	9.4	83	-0.01
71	2-Chlorotoluene	1.238	1.099	11.2	81	-0.02
72 T	4-Ethyltoluene	1.344	1.208	10.1	80	-0.02
73 T	1,3,5-Trimethylbenzene	1.255	1.099	12.4	79	-0.02
74 T	1,2,4-Trimethylbenzene	1.343	1.135	15.5	81	-0.02
75 T	1,3-Dichlorobenzene	0.756	0.667	11.8	83	-0.02
76 T	1,4-Dichlorobenzene	0.750	0.647	13.7	82	-0.02
77 T	1,2-Dichlorobenzene	0.710	0.658	7.3	87	-0.02
78 T	Hexachloro-1,3-Butadiene	0.636	0.502	21.1	84	-0.02
79 T	Naphthalene	0.784	0.791	-0.9	75	-0.02
80 T	Naphthalene,2-methyl-	0.155	0.163	-5.2	59	-0.01
81 T	1,2,4-Trichlorobenzene	0.484	0.499	-3.1	86	-0.01

(#) = Out of Range

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