

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL081020\
 Data File : VL035371.D
 Acq On : 10 Aug 2020 9:56
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 11 04:39:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 05 13:04:46 2020
 QLast Update : Wed Aug 05 13:04:46 2020
 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	93	0.00
2 T	Dichlorodifluoromethane	1.330	1.061	20.2	88	0.00
3	Chlorodifluoromethane	1.142	1.059	7.3	99	0.00
4	Chloromethane	0.646	0.594	8.0	97	0.00
5 T	Vinyl Chloride	0.665	0.605	9.0	98	0.00
6 T	Bromomethane	0.407	0.399	2.0	100	0.00
7	Chloroethane	0.247	0.233	5.7	99	0.00
8 T	Dichlorotetrafluoroethane	1.572	1.472	6.4	99	0.00
9 T	Propene	0.407	0.399	2.0	95	0.00
10 T	Heptane	1.039	1.180	-13.6	98	0.00
11 T	Trichlorofluoromethane	1.723	1.616	6.2	100	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.232	1.167	5.3	102	0.00
13	Ethanol	0.140	0.057	59.3#	55	0.00
14 T	Bromoethene	0.494	0.485	1.8	98	0.00
15 T	Acetone	1.420	1.204	15.2	101	0.00
16 T	1,3-Butadiene	0.547	0.559	-2.2	99	0.00
17	tert-Butyl alcohol	1.303	1.334	-2.4	106	0.00
18 T	1,1-Dichloroethene	0.529	0.523	1.1	100	0.00
19 T	Isopropyl Alcohol	0.900	0.858	4.7	108	0.00
20 T	Methylene Chloride	0.579	0.468	19.2	99	0.00
21 T	Allyl Chloride	0.814	0.824	-1.2	100	0.00
22 T	trans-1,2-Dichloroethene	0.513	0.503	1.9	98	0.00
23 T	Vinyl Acetate	1.362	1.462	-7.3	97	0.00
24 T	1,1-Dichloroethane	1.280	1.230	3.9	98	0.00
25 T	Ethyl Acetate	2.158	2.157	0.0	100	0.00
26 T	Hexane	0.936	0.944	-0.9	98	0.00
27 T	Carbon Disulfide	1.309	1.365	-4.3	100	0.00
28 T	Methyl tert-Butyl Ether	1.361	1.467	-7.8	98	0.00
29 T	Chloroform	1.614	1.555	3.7	100	0.00
30 T	Cyclohexane	0.710	0.808	-13.8	99	0.00
31 T	cis-1,2-Dichloroethene	0.832	0.933	-12.1	99	0.00
32 T	1,1,1-Trichloroethane	1.696	1.552	8.5	100	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
34 T	2-Butanone	0.492	0.525	-6.7	97	0.00
35 T	Carbon Tetrachloride	0.688	0.679	1.3	100	0.00
36 T	Benzene	0.675	0.754	-11.7	97	0.00
37 T	1,2-Dichloroethane	0.472	0.497	-5.3	101	0.00
38 T	Trichloroethene	0.311	0.335	-7.7	98	0.00
39 T	1,2-Dichloropropane	0.273	0.293	-7.3	99	0.00
40 T	1,4-Dioxane	0.117	0.121	-3.4	94	0.00
41 T	Tetrahydrofuran	0.242	0.279	-15.3	96	0.00
42 T	Bromodichloromethane	0.634	0.686	-8.2	99	0.00
43	Methyl Methacrylate	0.284	0.348	-22.5	99	0.00
44 T	2,2,4-Trimethylpentane	1.200	1.330	-10.8	99	0.00
45 T	t-1,3-Dichloropropene	0.295	0.392	-32.9#	98	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.356	0.458	-28.7	98	0.00
47 T	1,1,2-Trichloroethane	0.329	0.337	-2.4	98	0.00
48 T	Dibromochloromethane	0.538	0.602	-11.9	99	0.00
49 T	Bromoform	0.491	0.556	-13.2	98	0.00
50 T	4-Methyl-2-Pentanone	0.752	0.841	-11.8	99	0.00
51 T	2-Hexanone	0.589	0.689	-17.0	99	0.00
52 T	Tetrachloroethene	0.268	0.293	-9.3	98	0.00
53 T	Toluene	0.735	0.918	-24.9	98	0.00
54 T	1,2-Dibromoethane	0.472	0.528	-11.9	101	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
56	1,1,1,2-Tetrachloroethane	0.472	0.461	2.3	98	0.00
57 T	Chlorobenzene	0.753	0.752	0.1	101	0.00
58 T	Ethyl Benzene	1.041	1.247	-19.8	99	0.00
59 T	m/p-Xylene	0.969	1.076	-11.0	101	0.00
60 T	o-Xylene	0.962	1.074	-11.6	100	0.00
61 T	Styrene	0.587	0.761	-29.6	99	0.00
62	Isopropylbenzene	1.448	1.599	-10.4	100	0.00
63 T	1,1,2,2-Tetrachloroethane	0.820	0.777	5.2	99	0.00
64	n-propylbenzene	0.389	0.439	-12.9	101	0.00
65	tert-Butylbenzene	1.326	1.463	-10.3	100	0.00
66 T	Benzyl Chloride	0.525	0.620	-18.1	103	0.00
67	sec-Butylbenzene	1.875	2.039	-8.7	100	0.00
68 S	1-Bromo-4-Fluorobenzene	0.834	0.818	1.9	92	0.00
69	p-Isopropyltoluene	1.529	1.742	-13.9	100	0.00
70	n-Butylbenzene	1.635	1.801	-10.2	100	0.00
71	2-Chlorotoluene	1.061	1.235	-16.4	99	0.00
72 T	4-Ethyltoluene	1.096	1.293	-18.0	99	0.00
73 T	1,3,5-Trimethylbenzene	1.052	1.221	-16.1	99	0.00
74 T	1,2,4-Trimethylbenzene	1.202	1.302	-8.3	100	0.00
75 T	1,3-Dichlorobenzene	0.786	0.772	1.8	99	0.00
76 T	1,4-Dichlorobenzene	0.728	0.774	-6.3	100	0.00
77 T	1,2-Dichlorobenzene	0.726	0.751	-3.4	99	0.00
78 T	Hexachloro-1,3-Butadiene	0.618	0.616	0.3	104	0.00
79 T	Naphthalene	0.925	1.240	-34.1#	100	0.00
80 T	Naphthalene,2-methyl-	0.210	0.479	-128.1#	108	0.00
81 T	1,2,4-Trichlorobenzene	0.583	0.695	-19.2	100	0.00

(#) = Out of Range

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