

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL080320\
 Data File : VL035331.D
 Acq On : 4 Aug 2020 2:44
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 04 06:46:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Aug 04 05:31:29 2020
 QLast Update : Tue Aug 04 05:31:29 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	103	0.00
2 T	Dichlorodifluoromethane	1.308	1.061	18.9	68	0.00
3	Chlorodifluoromethane	1.149	0.957	16.7	85	0.00
4	Chloromethane	0.656	0.532	18.9	82	0.00
5 T	Vinyl Chloride	0.639	0.553	13.5	84	0.00
6 T	Bromomethane	0.420	0.361	14.0	87	0.00
7	Chloroethane	0.254	0.211	16.9	83	0.00
8 T	Dichlorotetrafluoroethane	1.578	1.333	15.5	89	0.00
9 T	Propene	0.415	0.352	15.2	77	0.00
10 T	Heptane	1.066	1.039	2.5	86	0.00
11 T	Trichlorofluoromethane	1.709	1.472	13.9	94	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.191	1.039	12.8	94	0.00
13	Ethanol	0.153	0.088	42.5#	67	0.00
14 T	Bromoethene	0.491	0.432	12.0	87	0.00
15 T	Acetone	1.446	1.135	21.5	96	0.00
16 T	1,3-Butadiene	0.539	0.491	8.9	85	0.00
17	tert-Butyl alcohol	1.317	1.116	15.3	87	0.00
18 T	1,1-Dichloroethene	0.536	0.471	12.1	91	0.00
19 T	Isopropyl Alcohol	0.908	0.699	23.0	77	0.00
20 T	Methylene Chloride	0.660	0.419	36.5#	88	0.00
21 T	Allyl Chloride	0.819	0.737	10.0	88	0.00
22 T	trans-1,2-Dichloroethene	0.532	0.472	11.3	93	0.00
23 T	Vinyl Acetate	1.433	1.287	10.2	81	0.00
24 T	1,1-Dichloroethane	1.333	1.113	16.5	85	0.00
25 T	Ethyl Acetate	2.186	1.895	13.3	85	0.00
26 T	Hexane	0.979	0.857	12.5	86	0.00
27 T	Carbon Disulfide	1.317	1.266	3.9	95	0.00
28 T	Methyl tert-Butyl Ether	1.471	1.305	11.3	82	0.00
29 T	Chloroform	1.655	1.432	13.5	90	0.00
30 T	Cyclohexane	0.734	0.690	6.0	82	0.00
31 T	cis-1,2-Dichloroethene	0.903	0.835	7.5	83	0.00
32 T	1,1,1-Trichloroethane	1.601	1.410	11.9	89	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
34 T	2-Butanone	0.526	0.471	10.5	83	0.00
35 T	Carbon Tetrachloride	0.647	0.630	2.6	92	0.00
36 T	Benzene	0.733	0.689	6.0	85	0.00
37 T	1,2-Dichloroethane	0.497	0.458	7.8	89	0.00
38 T	Trichloroethene	0.269	0.300	-11.5	89	0.00
39 T	1,2-Dichloropropane	0.289	0.266	8.0	84	0.00
40 T	1,4-Dioxane	0.125	0.112	10.4	77	0.00
41 T	Tetrahydrofuran	0.260	0.249	4.2	80	0.00
42 T	Bromodichloromethane	0.678	0.642	5.3	90	0.00
43	Methyl Methacrylate	0.306	0.311	-1.6	84	0.00
44 T	2,2,4-Trimethylpentane	1.256	1.199	4.5	87	0.00
45 T	t-1,3-Dichloropropene	0.327	0.362	-10.7	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.391	0.429	-9.7	87	0.00
47 T	1,1,2-Trichloroethane	0.335	0.307	8.4	87	0.00
48 T	Dibromochloromethane	0.546	0.546	0.0	90	0.00
49 T	Bromoform	0.475	0.506	-6.5	93	0.00
50 T	4-Methyl-2-Pentanone	0.744	0.735	1.2	87	0.00
51 T	2-Hexanone	0.575	0.595	-3.5	87	0.00
52 T	Tetrachloroethene	0.258	0.264	-2.3	87	0.00
53 T	Toluene	0.771	0.825	-7.0	88	0.00
54 T	1,2-Dibromoethane	0.496	0.478	3.6	90	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
56	1,1,1,2-Tetrachloroethane	0.469	0.415	11.5	91	0.00
57 T	Chlorobenzene	0.765	0.669	12.5	91	0.00
58 T	Ethyl Benzene	1.096	1.129	-3.0	90	0.00
59 T	m/p-Xylene	1.011	0.963	4.7	90	0.00
60 T	o-Xylene	0.999	0.974	2.5	92	0.00
61 T	Styrene	0.615	0.672	-9.3	88	0.00
62	Isopropylbenzene	1.508	1.432	5.0	92	0.00
63 T	1,1,2,2-Tetrachloroethane	0.784	0.715	8.8	91	0.00
64	n-propylbenzene	0.394	0.384	2.5	91	0.00
65	tert-Butylbenzene	1.350	1.310	3.0	93	0.00
66 T	Benzyl Chloride	0.522	0.536	-2.7	91	0.00
67	sec-Butylbenzene	1.909	1.830	4.1	94	0.00
68 S	1-Bromo-4-Fluorobenzene	0.838	0.838	0.0	110	0.00
69	p-Isopropyltoluene	1.579	1.519	3.8	92	0.00
70	n-Butylbenzene	1.699	1.594	6.2	91	0.00
71	2-Chlorotoluene	1.125	1.115	0.9	91	0.00
72 T	4-Ethyltoluene	1.128	1.137	-0.8	91	0.00
73 T	1,3,5-Trimethylbenzene	1.105	1.092	1.2	93	0.00
74 T	1,2,4-Trimethylbenzene	1.266	1.155	8.8	92	0.00
75 T	1,3-Dichlorobenzene	0.788	0.664	15.7	90	0.00
76 T	1,4-Dichlorobenzene	0.746	0.660	11.5	90	0.00
77 T	1,2-Dichlorobenzene	0.727	0.642	11.7	91	0.00
78 T	Hexachloro-1,3-Butadiene	0.590	0.493	16.4	90	0.00
79 T	Naphthalene	1.002	0.974	2.8	88	0.00
80 T	Naphthalene,2-methyl-	0.294	0.337	-14.6	86	0.00
81 T	1,2,4-Trichlorobenzene	0.610	0.548	10.2	87	0.00

(#) = Out of Range

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