

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL081320\
 Data File : VL035408.D
 Acq On : 13 Aug 2020 19:41
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 14 05:03:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081220AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 12 20:32:44 2020
 QLast Update : Wed Aug 12 20:32:44 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	103	0.00
2 T	Dichlorodifluoromethane	1.204	1.180	2.0	125	0.00
3	Chlorodifluoromethane	1.163	1.119	3.8	112	0.00
4	Chloromethane	0.650	0.609	6.3	107	0.00
5 T	Vinyl Chloride	0.642	0.575	10.4	105	0.00
6 T	Bromomethane	0.356	0.342	3.9	110	0.00
7	Chloroethane	0.227	0.208	8.4	106	0.00
8 T	Dichlorotetrafluoroethane	1.398	1.310	6.3	112	0.00
9 T	Propene	0.602	0.526	12.6	104	0.00
10 T	Heptane	1.560	1.383	11.3	105	0.00
11 T	Trichlorofluoromethane	1.460	1.405	3.8	115	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.994	0.927	6.7	110	0.00
13	Ethanol	0.197	0.126	36.0#	87	0.00
14 T	Bromoethene	0.444	0.418	5.9	107	0.00
15 T	Acetone	1.259	1.042	17.2	105	0.00
16 T	1,3-Butadiene	0.647	0.546	15.6	104	0.00
17	tert-Butyl alcohol	1.469	1.206	17.9	92	0.00
18 T	1,1-Dichloroethene	0.455	0.426	6.4	108	0.00
19 T	Isopropyl Alcohol	0.983	0.843	14.2	97	0.00
20 T	Methylene Chloride	0.476	0.384	19.3	104	0.00
21 T	Allyl Chloride	0.827	0.729	11.9	100	0.00
22 T	trans-1,2-Dichloroethene	0.457	0.433	5.3	106	0.00
23 T	Vinyl Acetate	2.011	1.751	12.9	102	0.00
24 T	1,1-Dichloroethane	1.324	1.238	6.5	110	0.00
25 T	Ethyl Acetate	2.600	2.230	14.2	103	0.00
26 T	Hexane	1.138	0.982	13.7	104	0.00
27 T	Carbon Disulfide	1.214	1.109	8.6	101	0.00
28 T	Methyl tert-Butyl Ether	1.878	1.625	13.5	104	0.00
29 T	Chloroform	1.623	1.573	3.1	114	0.00
30 T	Cyclohexane	0.938	0.850	9.4	108	0.00
31 T	cis-1,2-Dichloroethene	1.128	1.058	6.2	109	0.00
32 T	1,1,1-Trichloroethane	1.771	1.550	12.5	112	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
34 T	2-Butanone	0.713	0.658	7.7	106	0.00
35 T	Carbon Tetrachloride	0.695	0.658	5.3	111	0.00
36 T	Benzene	0.959	0.879	8.3	105	0.00
37 T	1,2-Dichloroethane	0.532	0.536	-0.8	117	0.00
38 T	Trichloroethene	0.376	0.309	17.8	103	0.00
39 T	1,2-Dichloropropane	0.380	0.358	5.8	108	0.00
40 T	1,4-Dioxane	0.155	0.140	9.7	107	0.00
41 T	Tetrahydrofuran	0.425	0.396	6.8	104	0.00
42 T	Bromodichloromethane	0.750	0.739	1.5	112	0.00
43	Methyl Methacrylate	0.425	0.404	4.9	105	0.00
44 T	2,2,4-Trimethylpentane	1.650	1.476	10.5	106	0.00
45 T	t-1,3-Dichloropropene	0.494	0.478	3.2	104	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.577	0.541	6.2	104	0.00
47 T	1,1,2-Trichloroethane	0.385	0.366	4.9	109	0.00
48 T	Dibromochloromethane	0.616	0.578	6.2	104	0.00
49 T	Bromoform	0.505	0.480	5.0	100	0.00
50 T	4-Methyl-2-Pentanone	1.074	0.975	9.2	105	0.00
51 T	2-Hexanone	0.904	0.844	6.6	105	0.00
52 T	Tetrachloroethene	0.340	0.279	17.9	101	0.00
53 T	Toluene	1.138	1.025	9.9	106	0.00
54 T	1,2-Dibromoethane	0.610	0.562	7.9	108	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
56	1,1,1,2-Tetrachloroethane	0.486	0.425	12.6	105	0.00
57 T	Chlorobenzene	0.852	0.718	15.7	103	0.00
58 T	Ethyl Benzene	1.581	1.365	13.7	106	0.00
59 T	m/p-Xylene	1.318	1.123	14.8	108	0.00
60 T	o-Xylene	1.276	1.095	14.2	109	0.00
61 T	Styrene	0.942	0.821	12.8	104	0.00
62	Isopropylbenzene	1.914	1.607	16.0	106	0.00
63 T	1,1,2,2-Tetrachloroethane	0.931	0.780	16.2	111	0.00
64	n-propylbenzene	0.505	0.432	14.5	103	0.00
65	tert-Butylbenzene	1.685	1.370	18.7	105	0.00
66 T	Benzyl Chloride	0.761	0.592	22.2	86	0.00
67	sec-Butylbenzene	2.430	2.019	16.9	108	0.00
68 S	1-Bromo-4-Fluorobenzene	0.807	0.801	0.7	104	0.00
69	p-Isopropyltoluene	2.025	1.666	17.7	106	0.00
70	n-Butylbenzene	2.242	1.894	15.5	112	0.00
71	2-Chlorotoluene	1.541	1.337	13.2	109	0.00
72 T	4-Ethyltoluene	1.558	1.332	14.5	107	0.00
73 T	1,3,5-Trimethylbenzene	1.461	1.247	14.6	107	0.00
74 T	1,2,4-Trimethylbenzene	1.536	1.271	17.3	109	0.00
75 T	1,3-Dichlorobenzene	0.838	0.693	17.3	105	-0.01
76 T	1,4-Dichlorobenzene	0.861	0.720	16.4	104	0.00
77 T	1,2-Dichlorobenzene	0.845	0.708	16.2	107	0.00
78 T	Hexachloro-1,3-Butadiene	0.697	0.525	24.7	100	0.00
79 T	Naphthalene	1.913	1.503	21.4	103	-0.01
80 T	Naphthalene,2-methyl-	0.891	0.640	28.2	91	0.00
81 T	1,2,4-Trichlorobenzene	0.906	0.707	22.0	103	0.00

(#) = Out of Range

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