

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL081220\
 Data File : VL035397.D
 Acq On : 13 Aug 2020 7:56
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 13 10:59:44 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	1.071	11.0	114	0.00
3	Chlorodifluoromethane	1.163	1.080	7.1	108	0.00
4	Chloromethane	0.650	0.599	7.8	106	0.00
5 T	Vinyl Chloride	0.642	0.581	9.5	106	0.00
6 T	Bromomethane	0.356	0.332	6.7	107	0.00
7	Chloroethane	0.227	0.207	8.8	106	0.00
8 T	Dichlorotetrafluoroethane	1.398	1.261	9.8	108	0.00
9 T	Propene	0.602	0.520	13.6	102	0.00
10 T	Heptane	1.560	1.339	14.2	101	0.00
11 T	Trichlorofluoromethane	1.460	1.363	6.6	111	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.994	0.909	8.6	108	0.00
13	Ethanol	0.197	0.130	34.0#	90	0.00
14 T	Bromoethene	0.444	0.418	5.9	107	0.00
15 T	Acetone	1.259	1.025	18.6	104	0.00
16 T	1,3-Butadiene	0.647	0.543	16.1	103	0.00
17	tert-Butyl alcohol	1.469	1.312	10.7	100	0.00
18 T	1,1-Dichloroethene	0.455	0.417	8.4	106	0.00
19 T	Isopropyl Alcohol	0.983	0.865	12.0	100	0.00
20 T	Methylene Chloride	0.476	0.375	21.2	101	0.00
21 T	Allyl Chloride	0.827	0.729	11.9	101	0.00
22 T	trans-1,2-Dichloroethene	0.457	0.427	6.6	105	0.00
23 T	Vinyl Acetate	2.011	1.764	12.3	103	0.00
24 T	1,1-Dichloroethane	1.324	1.212	8.5	108	0.00
25 T	Ethyl Acetate	2.600	2.206	15.2	102	0.00
26 T	Hexane	1.138	0.973	14.5	103	0.00
27 T	Carbon Disulfide	1.214	1.126	7.2	103	0.00
28 T	Methyl tert-Butyl Ether	1.878	1.643	12.5	105	0.00
29 T	Chloroform	1.623	1.530	5.7	111	0.00
30 T	Cyclohexane	0.938	0.847	9.7	108	0.00
31 T	cis-1,2-Dichloroethene	1.128	1.034	8.3	107	0.00
32 T	1,1,1-Trichloroethane	1.771	1.530	13.6	110	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
34 T	2-Butanone	0.713	0.641	10.1	105	0.00
35 T	Carbon Tetrachloride	0.695	0.646	7.1	111	0.00
36 T	Benzene	0.959	0.859	10.4	105	0.00
37 T	1,2-Dichloroethane	0.532	0.513	3.6	114	0.00
38 T	Trichloroethene	0.376	0.307	18.4	104	0.00
39 T	1,2-Dichloropropane	0.380	0.342	10.0	106	0.00
40 T	1,4-Dioxane	0.155	0.133	14.2	103	0.00
41 T	Tetrahydrofuran	0.425	0.379	10.8	102	0.00
42 T	Bromodichloromethane	0.750	0.722	3.7	111	0.00
43	Methyl Methacrylate	0.425	0.395	7.1	105	0.00
44 T	2,2,4-Trimethylpentane	1.650	1.433	13.2	105	0.00
45 T	t-1,3-Dichloropropene	0.494	0.474	4.0	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.577	0.535	7.3	104	0.00
47 T	1,1,2-Trichloroethane	0.385	0.360	6.5	109	0.00
48 T	Dibromochloromethane	0.616	0.579	6.0	106	0.00
49 T	Bromoform	0.505	0.483	4.4	103	0.00
50 T	4-Methyl-2-Pentanone	1.074	0.946	11.9	103	0.00
51 T	2-Hexanone	0.904	0.805	11.0	102	0.00
52 T	Tetrachloroethene	0.340	0.275	19.1	101	0.00
53 T	Toluene	1.138	1.004	11.8	106	0.00
54 T	1,2-Dibromoethane	0.610	0.551	9.7	107	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
56	1,1,1,2-Tetrachloroethane	0.486	0.439	9.7	104	0.00
57 T	Chlorobenzene	0.852	0.762	10.6	105	0.00
58 T	Ethyl Benzene	1.581	1.417	10.4	106	-0.01
59 T	m/p-Xylene	1.318	1.197	9.2	110	0.00
60 T	o-Xylene	1.276	1.136	11.0	108	0.00
61 T	Styrene	0.942	0.856	9.1	104	0.00
62	Isopropylbenzene	1.914	1.660	13.3	105	0.00
63 T	1,1,2,2-Tetrachloroethane	0.931	0.802	13.9	109	0.00
64	n-propylbenzene	0.505	0.447	11.5	103	0.00
65	tert-Butylbenzene	1.685	1.427	15.3	105	0.00
66 T	Benzyl Chloride	0.761	0.679	10.8	95	0.00
67	sec-Butylbenzene	2.430	2.086	14.2	107	0.00
68 S	1-Bromo-4-Fluorobenzene	0.807	0.847	-5.0	106	0.00
69	p-Isopropyltoluene	2.025	1.736	14.3	106	0.00
70	n-Butylbenzene	2.242	1.951	13.0	110	0.00
71	2-Chlorotoluene	1.541	1.386	10.1	108	0.00
72 T	4-Ethyltoluene	1.558	1.375	11.7	106	0.00
73 T	1,3,5-Trimethylbenzene	1.461	1.299	11.1	107	0.00
74 T	1,2,4-Trimethylbenzene	1.536	1.300	15.4	107	0.00
75 T	1,3-Dichlorobenzene	0.838	0.719	14.2	104	0.00
76 T	1,4-Dichlorobenzene	0.861	0.746	13.4	103	0.00
77 T	1,2-Dichlorobenzene	0.845	0.732	13.4	106	0.00
78 T	Hexachloro-1,3-Butadiene	0.697	0.555	20.4	102	0.00
79 T	Naphthalene	1.913	1.571	17.9	103	-0.01
80 T	Naphthalene,2-methyl-	0.891	0.693	22.2	94	0.00
81 T	1,2,4-Trichlorobenzene	0.906	0.741	18.2	103	0.00

(#) = Out of Range

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