

Data Path : \\74.0.250.170\terastorage\voasrv\HPCHEM1\MSVOA_L\Data\VL102419\
 Data File : VL034357.D
 Acq On : 24 Oct 2019 23:31
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 25 03:54:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 17 05:12:37 2019
 QLast Update : Thu Oct 17 05:12:37 2019
 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	77	0.00
2 T	Dichlorodifluoromethane	1.724	1.676	2.8	106	0.00
3	Chlorodifluoromethane	1.172	1.087	7.3	74	0.00
4	Chloromethane	0.693	0.575	17.0	66	0.00
5 T	Vinyl Chloride	0.661	0.554	16.2	70	0.00
6 T	Bromomethane	0.324	0.323	0.3	78	0.00
7	Chloroethane	0.233	0.205	12.0	67	0.00
8 T	Dichlorotetrafluoroethane	1.494	1.308	12.4	74	0.00
9 T	Propene	0.520	0.487	6.3	71	0.00
10 T	Heptane	1.334	1.279	4.1	71	0.00
11 T	Trichlorofluoromethane	1.637	1.418	13.4	71	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.072	0.981	8.5	73	0.00
13	Ethanol	0.116	0.087	25.0	60	0.00
14 T	Bromoethene	0.422	0.416	1.4	73	0.00
15 T	Acetone	1.430	1.043	27.1	69	0.00
16 T	1,3-Butadiene	0.581	0.533	8.3	70	0.00
17	tert-Butyl alcohol	0.913	0.768	15.9	55	0.00
18 T	1,1-Dichloroethene	0.470	0.440	6.4	73	0.00
19 T	Isopropyl Alcohol	0.798	0.607	23.9	51	0.00
20 T	Methylene Chloride	0.517	0.386	25.3	72	0.00
21 T	Allyl Chloride	0.791	0.740	6.4	69	0.00
22 T	trans-1,2-Dichloroethene	0.468	0.444	5.1	72	0.00
23 T	Vinyl Acetate	1.786	1.646	7.8	68	0.00
24 T	1,1-Dichloroethane	1.326	1.188	10.4	70	0.00
25 T	Ethyl Acetate	2.415	2.090	13.5	70	0.00
26 T	Hexane	1.029	0.928	9.8	73	0.00
27 T	Carbon Disulfide	1.069	1.048	2.0	68	0.00
28 T	Methyl tert-Butyl Ether	1.558	1.613	-3.5	78	0.00
29 T	Chloroform	1.628	1.485	8.8	73	0.00
30 T	Cyclohexane	0.757	0.766	-1.2	75	0.00
31 T	cis-1,2-Dichloroethene	1.045	0.996	4.7	71	0.00
32 T	1,1,1-Trichloroethane	1.583	1.444	8.8	72	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
34 T	2-Butanone	0.817	0.679	16.9	70	0.00
35 T	Carbon Tetrachloride	0.871	0.670	23.1	67	0.00
36 T	Benzene	0.959	0.885	7.7	77	0.00
37 T	1,2-Dichloroethane	0.715	0.580	18.9	69	0.00
38 T	Trichloroethene	0.385	0.332	13.8	74	0.00
39 T	1,2-Dichloropropane	0.413	0.357	13.6	72	0.00
40 T	1,4-Dioxane	0.145	0.114	21.4	61	0.00
41 T	Tetrahydrofuran	0.454	0.408	10.1	71	0.00
42 T	Bromodichloromethane	0.876	0.774	11.6	73	0.00
43	Methyl Methacrylate	0.397	0.367	7.6	73	0.00
44 T	2,2,4-Trimethylpentane	1.776	1.525	14.1	73	0.00
45 T	t-1,3-Dichloropropene	0.483	0.457	5.4	67	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.555	0.538	3.1	70	0.00
47 T	1,1,2-Trichloroethane	0.418	0.370	11.5	75	0.00
48 T	Dibromochloromethane	0.686	0.626	8.7	71	0.00
49 T	Bromoform	0.608	0.560	7.9	69	0.00
50 T	4-Methyl-2-Pentanone	1.170	1.015	13.2	70	0.00
51 T	2-Hexanone	0.959	0.866	9.7	71	0.00
52 T	Tetrachloroethene	0.376	0.336	10.6	76	0.00
53 T	Toluene	1.059	1.023	3.4	77	0.00
54 T	1,2-Dibromoethane	0.620	0.577	6.9	78	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
56	1,1,1,2-Tetrachloroethane	0.461	0.393	14.8	72	0.00
57 T	Chlorobenzene	0.834	0.713	14.5	74	0.00
58 T	Ethyl Benzene	1.398	1.332	4.7	77	0.00
59 T	m/p-Xylene	1.211	1.079	10.9	75	-0.01
60 T	o-Xylene	1.206	1.073	11.0	75	0.00
61 T	Styrene	0.849	0.804	5.3	74	0.00
62	Isopropylbenzene	1.592	1.454	8.7	78	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.969	0.764	21.2	75	0.00
64	n-propylbenzene	0.409	0.378	7.6	77	0.00
65	tert-Butylbenzene	1.411	1.281	9.2	76	0.00
66 T	Benzyl Chloride	0.557	0.473	15.1	56	0.00
67	sec-Butylbenzene	1.986	1.812	8.8	78	0.00
68 S	1-Bromo-4-Fluorobenzene	0.847	0.795	6.1	78	0.00
69	p-Isopropyltoluene	1.619	1.498	7.5	77	0.00
70	n-Butylbenzene	1.761	1.609	8.6	77	0.00
71	2-Chlorotoluene	1.234	1.149	6.9	76	0.00
72 T	4-Ethyltoluene	1.356	1.265	6.7	76	0.00
73 T	1,3,5-Trimethylbenzene	1.343	1.206	10.2	75	0.00
74 T	1,2,4-Trimethylbenzene	1.401	1.236	11.8	75	0.00
75 T	1,3-Dichlorobenzene	0.841	0.707	15.9	73	0.00
76 T	1,4-Dichlorobenzene	0.822	0.704	14.4	73	0.00
77 T	1,2-Dichlorobenzene	0.825	0.707	14.3	75	0.00
78 T	Hexachloro-1,3-Butadiene	0.682	0.612	10.3	85	0.00
79 T	Naphthalene	1.023	1.136	-11.0	82	-0.02
80 T	Naphthalene,2-methyl-	0.296	0.318	-7.4	69	0.00
81 T	1,2,4-Trichlorobenzene	0.668	0.632	5.4	75	0.00

(#) = Out of Range

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