

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071318\
 Data File : VL032257.D
 Acq On : 13 Jul 2018 22:48
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 15 23:23:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 13 04:25:14 2018
 QLast Update : Fri Jul 13 04:25:14 2018
 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	83	0.00
2 T	Dichlorodifluoromethane	1.440	1.587	-10.2	111	0.00
3	Chlorodifluoromethane	1.229	1.142	7.1	74	0.00
4	Chloromethane	0.699	0.644	7.9	71	0.00
5 T	Vinyl Chloride	0.689	0.594	13.8	68	0.00
6 T	Bromomethane	0.383	0.353	7.8	72	0.00
7	Chloroethane	0.237	0.233	1.7	77	0.00
8 T	Dichlorotetrafluoroethane	1.581	1.288	18.5	71	0.00
9 T	Propene	0.524	0.504	3.8	74	0.00
10 T	Heptane	1.488	1.547	-4.0	81	0.00
11 T	Trichlorofluoromethane	1.377	1.299	5.7	84	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.880	0.834	5.2	87	0.00
13	Ethanol	0.151	0.119	21.2	75	0.00
14 T	Bromoethene	0.415	0.411	1.0	87	0.00
15 T	Acetone	1.160	1.035	10.8	85	0.00
16 T	1,3-Butadiene	0.586	0.761	-29.9	97	0.00
17	tert-Butyl alcohol	0.542	0.544	-0.4	81	0.00
18 T	1,1-Dichloroethene	0.409	0.404	1.2	88	0.00
19 T	Isopropyl Alcohol	0.762	0.745	2.2	80	0.00
20 T	Methylene Chloride	0.393	0.363	7.6	88	0.00
21 T	Allyl Chloride	0.679	0.729	-7.4	89	0.00
22 T	trans-1,2-Dichloroethene	0.390	0.457	-17.2	97	0.00
23 T	Vinyl Acetate	1.930	2.041	-5.8	86	0.00
24 T	1,1-Dichloroethane	1.355	1.346	0.7	86	0.00
25 T	Ethyl Acetate	2.296	2.287	0.4	87	0.00
26 T	Hexane	1.048	1.022	2.5	86	0.00
27 T	Carbon Disulfide	0.937	1.035	-10.5	87	0.00
28 T	Methyl tert-Butyl Ether	1.649	1.825	-10.7	89	0.00
29 T	Chloroform	1.617	1.547	4.3	85	0.00
30 T	Cyclohexane	0.924	0.972	-5.2	81	0.00
31 T	cis-1,2-Dichloroethene	1.045	1.101	-5.4	86	0.00
32 T	1,1,1-Trichloroethane	1.569	1.675	-6.8	81	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
34 T	2-Butanone	0.681	0.670	1.6	86	0.00
35 T	Carbon Tetrachloride	0.677	0.731	-8.0	86	0.00
36 T	Benzene	0.994	0.984	1.0	81	0.00
37 T	1,2-Dichloroethane	0.544	0.546	-0.4	85	0.00
38 T	Trichloroethene	0.341	0.334	2.1	83	0.00
39 T	1,2-Dichloropropane	0.395	0.427	-8.1	89	0.00
40 T	1,4-Dioxane	0.135	0.132	2.2	86	0.00
41 T	Tetrahydrofuran	0.381	0.415	-8.9	86	0.00
42 T	Bromodichloromethane	0.775	0.756	2.5	80	0.00
43	Methyl Methacrylate	0.384	0.406	-5.7	80	0.00
44 T	2,2,4-Trimethylpentane	1.709	1.771	-3.6	87	0.00
45 T	t-1,3-Dichloropropene	0.457	0.604	-32.2#	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.624	0.698	-11.9	87	0.00
47 T	1,1,2-Trichloroethane	0.441	0.382	13.4	77	0.00
48 T	Dibromochloromethane	0.656	0.686	-4.6	86	0.00
49 T	Bromoform	0.526	0.557	-5.9	86	0.00
50 T	4-Methyl-2-Pentanone	1.179	1.214	-3.0	89	0.00
51 T	2-Hexanone	0.984	1.039	-5.6	89	0.00
52 T	Tetrachloroethene	0.367	0.330	10.1	86	0.00
53 T	Toluene	1.175	1.242	-5.7	90	0.00
54 T	1,2-Dibromoethane	0.651	0.667	-2.5	90	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
56	1,1,1,2-Tetrachloroethane	0.434	0.395	9.0	87	0.00
57 T	Chlorobenzene	0.845	0.736	12.9	86	0.00
58 T	Ethyl Benzene	1.456	1.373	5.7	86	0.00
59 T	m/p-Xylene	1.198	1.095	8.6	87	0.00
60 T	o-Xylene	1.182	1.068	9.6	87	0.00
61 T	Styrene	0.886	0.874	1.4	86	0.00
62	Isopropylbenzene	1.658	1.488	10.3	86	0.00
63 T	1,1,2,2-Tetrachloroethane	0.962	0.799	16.9	88	0.00
64	n-propylbenzene	0.420	0.389	7.4	86	0.00
65	tert-Butylbenzene	1.389	1.221	12.1	86	0.00
66 T	Benzyl Chloride	0.703	0.889	-26.5	92	0.00
67	sec-Butylbenzene	2.029	1.843	9.2	87	0.00
68 S	1-Bromo-4-Fluorobenzene	0.774	0.739	4.5	85	0.00
69	p-Isopropyltoluene	1.580	1.489	5.8	88	0.00
70	n-Butylbenzene	1.745	1.651	5.4	87	0.00
71	2-Chlorotoluene	1.305	1.207	7.5	86	0.00
72 T	4-Ethyltoluene	1.327	1.277	3.8	86	0.00
73 T	1,3,5-Trimethylbenzene	1.234	1.218	1.3	87	0.00
74 T	1,2,4-Trimethylbenzene	1.261	1.187	5.9	87	0.00
75 T	1,3-Dichlorobenzene	0.752	0.653	13.2	86	0.00
76 T	1,4-Dichlorobenzene	0.737	0.677	8.1	87	0.00
77 T	1,2-Dichlorobenzene	0.748	0.661	11.6	87	0.00
78 T	Hexachloro-1,3-Butadiene	0.233	0.389	-67.0#	171#	0.00
79 T	Naphthalene	0.847	1.222	-44.3#	87	0.00
80 T	Naphthalene,2-methyl-	0.271	0.574	-111.8#	77	0.00
81 T	1,2,4-Trichlorobenzene	0.424	0.544	-28.3	87	0.00

(#) = Out of Range

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