

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071318\
 Data File : VL032246.D
 Acq On : 13 Jul 2018 13:34
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 13 15:19:30 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	93	0.00
2 T	Dichlorodifluoromethane	1.440	1.070	25.7	84	0.00
3	Chlorodifluoromethane	1.229	1.091	11.2	79	0.00
4	Chloromethane	0.699	0.583	16.6	72	0.00
5 T	Vinyl Chloride	0.689	0.558	19.0	72	0.00
6 T	Bromomethane	0.383	0.312	18.5	71	0.00
7	Chloroethane	0.237	0.198	16.5	73	0.00
8 T	Dichlorotetrafluoroethane	1.581	1.194	24.5	73	0.00
9 T	Propene	0.524	0.483	7.8	79	0.00
10 T	Heptane	1.488	1.462	1.7	85	0.00
11 T	Trichlorofluoromethane	1.377	1.203	12.6	87	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.880	0.760	13.6	89	0.00
13	Ethanol	0.151	0.117	22.5	82	0.00
14 T	Bromoethene	0.415	0.369	11.1	87	0.00
15 T	Acetone	1.160	0.907	21.8	83	0.00
16 T	1,3-Butadiene	0.586	0.465	20.6	67	0.00
17	tert-Butyl alcohol	0.542	0.456	15.9	76	0.00
18 T	1,1-Dichloroethene	0.409	0.369	9.8	90	0.00
19 T	Isopropyl Alcohol	0.762	0.804	-5.5	97	0.00
20 T	Methylene Chloride	0.393	0.330	16.0	89	0.00
21 T	Allyl Chloride	0.679	0.656	3.4	90	0.00
22 T	trans-1,2-Dichloroethene	0.390	0.395	-1.3	94	0.00
23 T	Vinyl Acetate	1.930	1.883	2.4	89	0.00
24 T	1,1-Dichloroethane	1.355	1.251	7.7	90	0.00
25 T	Ethyl Acetate	2.296	2.175	5.3	93	0.00
26 T	Hexane	1.048	0.994	5.2	93	0.00
27 T	Carbon Disulfide	0.937	0.929	0.9	88	0.00
28 T	Methyl tert-Butyl Ether	1.649	1.633	1.0	89	0.00
29 T	Chloroform	1.617	1.483	8.3	91	0.00
30 T	Cyclohexane	0.924	0.926	-0.2	87	0.00
31 T	cis-1,2-Dichloroethene	1.045	1.054	-0.9	92	0.00
32 T	1,1,1-Trichloroethane	1.569	1.531	2.4	83	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
34 T	2-Butanone	0.681	0.659	3.2	93	0.00
35 T	Carbon Tetrachloride	0.677	0.664	1.9	86	0.00
36 T	Benzene	0.994	0.947	4.7	86	0.00
37 T	1,2-Dichloroethane	0.544	0.538	1.1	92	0.00
38 T	Trichloroethene	0.341	0.308	9.7	84	0.00
39 T	1,2-Dichloropropane	0.395	0.383	3.0	87	0.00
40 T	1,4-Dioxane	0.135	0.132	2.2	95	0.00
41 T	Tetrahydrofuran	0.381	0.384	-0.8	87	0.00
42 T	Bromodichloromethane	0.775	0.742	4.3	86	0.00
43	Methyl Methacrylate	0.384	0.390	-1.6	85	0.00
44 T	2,2,4-Trimethylpentane	1.709	1.615	5.5	88	0.00
45 T	t-1,3-Dichloropropene	0.457	0.583	-27.6	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.624	0.658	-5.4	90	0.00
47 T	1,1,2-Trichloroethane	0.441	0.350	20.6	78	0.00
48 T	Dibromochloromethane	0.656	0.642	2.1	89	0.00
49 T	Bromoform	0.526	0.518	1.5	88	0.00
50 T	4-Methyl-2-Pentanone	1.179	1.144	3.0	92	0.00
51 T	2-Hexanone	0.984	0.964	2.0	90	0.00
52 T	Tetrachloroethene	0.367	0.305	16.9	87	0.00
53 T	Toluene	1.175	1.040	11.5	82	0.00
54 T	1,2-Dibromoethane	0.651	0.594	8.8	88	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
56	1,1,1,2-Tetrachloroethane	0.434	0.369	15.0	89	0.00
57 T	Chlorobenzene	0.845	0.685	18.9	89	0.00
58 T	Ethyl Benzene	1.456	1.300	10.7	90	0.00
59 T	m/p-Xylene	1.198	1.032	13.9	90	0.00
60 T	o-Xylene	1.182	0.999	15.5	89	0.00
61 T	Styrene	0.886	0.826	6.8	89	0.00
62	Isopropylbenzene	1.658	1.405	15.3	89	0.00
63 T	1,1,2,2-Tetrachloroethane	0.962	0.744	22.7	90	0.00
64	n-propylbenzene	0.420	0.362	13.8	88	0.00
65	tert-Butylbenzene	1.389	1.152	17.1	89	0.00
66 T	Benzyl Chloride	0.703	0.788	-12.1	89	0.00
67	sec-Butylbenzene	2.029	1.722	15.1	89	0.00
68 S	1-Bromo-4-Fluorobenzene	0.774	0.720	7.0	91	0.00
69	p-Isopropyltoluene	1.580	1.383	12.5	90	0.00
70	n-Butylbenzene	1.745	1.547	11.3	90	0.00
71	2-Chlorotoluene	1.305	1.141	12.6	90	0.00
72 T	4-Ethyltoluene	1.327	1.202	9.4	89	0.00
73 T	1,3,5-Trimethylbenzene	1.234	1.138	7.8	89	0.00
74 T	1,2,4-Trimethylbenzene	1.261	1.104	12.5	89	0.00
75 T	1,3-Dichlorobenzene	0.752	0.605	19.5	88	0.00
76 T	1,4-Dichlorobenzene	0.737	0.624	15.3	89	0.00
77 T	1,2-Dichlorobenzene	0.748	0.610	18.4	89	0.00
78 T	Hexachloro-1,3-Butadiene	0.233	0.187	19.7	91	0.00
79 T	Naphthalene	0.847	1.077	-27.2	85	0.00
80 T	Naphthalene,2-methyl-	0.271	0.554	-104.4#	81	0.00
81 T	1,2,4-Trichlorobenzene	0.424	0.489	-15.3	87	0.00

(#) = Out of Range

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