

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL020419\
 Data File : VL033167.D
 Acq On : 5 Feb 2019 4:33
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 05 05:42:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL020419AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Feb 04 14:41:39 2019
 QLast Update : Mon Feb 04 14:41:39 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	99	0.00
2 T	Dichlorodifluoromethane	1.473	1.495	-1.5	122	0.00
3	Chlorodifluoromethane	1.114	0.947	15.0	87	0.00
4	Chloromethane	0.627	0.536	14.5	86	0.00
5 T	Vinyl Chloride	0.619	0.504	18.6	84	0.00
6 T	Bromomethane	0.349	0.305	12.6	89	0.00
7	Chloroethane	0.210	0.184	12.4	87	0.00
8 T	Dichlorotetrafluoroethane	1.350	1.136	15.9	88	0.00
9 T	Propene	0.560	0.474	15.4	87	0.00
10 T	Heptane	1.743	1.486	14.7	87	0.00
11 T	Trichlorofluoromethane	1.423	1.231	13.5	88	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.924	0.836	9.5	92	0.00
13	Ethanol	0.221	0.098	55.7#	64	0.00
14 T	Bromoethene	0.426	0.386	9.4	89	0.00
15 T	Acetone	1.191	0.888	25.4	89	0.00
16 T	1,3-Butadiene	0.483	0.453	6.2	89	0.00
17	tert-Butyl alcohol	0.263	0.190	27.8	70	0.00
18 T	1,1-Dichloroethene	0.425	0.376	11.5	89	0.00
19 T	Isopropyl Alcohol	0.846	0.636	24.8	71	0.00
20 T	Methylene Chloride	0.410	0.322	21.5	90	0.00
21 T	Allyl Chloride	0.717	0.648	9.6	89	0.00
22 T	trans-1,2-Dichloroethene	0.420	0.385	8.3	93	0.00
23 T	Vinyl Acetate	1.937	1.657	14.5	84	0.00
24 T	1,1-Dichloroethane	1.321	1.132	14.3	86	0.00
25 T	Ethyl Acetate	2.460	2.221	9.7	101	0.00
26 T	Hexane	1.151	1.046	9.1	104	0.00
27 T	Carbon Disulfide	0.991	0.961	3.0	88	0.00
28 T	Methyl tert-Butyl Ether	1.675	1.375	17.9	81	0.00
29 T	Chloroform	1.742	1.589	8.8	103	0.00
30 T	Cyclohexane	1.105	0.919	16.8	81	0.00
31 T	cis-1,2-Dichloroethene	1.097	0.932	15.0	88	0.00
32 T	1,1,1-Trichloroethane	1.717	1.541	10.3	81	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
34 T	2-Butanone	0.629	0.517	17.8	85	0.00
35 T	Carbon Tetrachloride	0.640	0.596	6.9	79	0.00
36 T	Benzene	1.011	0.881	12.9	83	0.00
37 T	1,2-Dichloroethane	0.516	0.484	6.2	86	0.00
38 T	Trichloroethene	0.367	0.316	13.9	83	0.00
39 T	1,2-Dichloropropane	0.388	0.352	9.3	85	0.00
40 T	1,4-Dioxane	0.151	0.117	22.5	79	0.00
41 T	Tetrahydrofuran	0.391	0.380	2.8	105	0.00
42 T	Bromodichloromethane	0.756	0.702	7.1	83	0.01
43	Methyl Methacrylate	0.402	0.373	7.2	85	0.00
44 T	2,2,4-Trimethylpentane	1.696	1.498	11.7	85	0.00
45 T	t-1,3-Dichloropropene	0.496	0.478	3.6	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.597	0.552	7.5	82	0.00
47 T	1,1,2-Trichloroethane	0.416	0.356	14.4	86	0.00
48 T	Dibromochloromethane	0.620	0.564	9.0	83	0.00
49 T	Bromoform	0.511	0.439	14.1	76	0.00
50 T	4-Methyl-2-Pentanone	1.138	0.919	19.2	87	0.00
51 T	2-Hexanone	0.955	0.728	23.8	87	0.00
52 T	Tetrachloroethene	0.351	0.293	16.5	86	0.00
53 T	Toluene	1.201	1.043	13.2	87	0.00
54 T	1,2-Dibromoethane	0.630	0.548	13.0	85	0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
56	1,1,1,2-Tetrachloroethane	0.432	0.374	13.4	79	0.00
57 T	Chlorobenzene	0.834	0.701	15.9	81	0.00
58 T	Ethyl Benzene	1.573	1.342	14.7	82	0.00
59 T	m/p-Xylene	1.288	1.081	16.1	83	0.04
60 T	o-Xylene	1.189	1.011	15.0	81	0.00
61 T	Styrene	0.951	0.817	14.1	80	0.01
62	Isopropylbenzene	1.697	1.435	15.4	80	0.00
63 T	1,1,2,2-Tetrachloroethane	0.853	0.663	22.3	76	0.00
64	n-propylbenzene	0.443	0.364	17.8	74	0.00
65	tert-Butylbenzene	1.522	1.178	22.6	73	0.01
66 T	Benzyl Chloride	0.691	0.551	20.3	54	0.00
67	sec-Butylbenzene	2.176	1.694	22.2	73	0.00
68 S	1-Bromo-4-Fluorobenzene	0.745	0.759	-1.9	85	0.00
69	p-Isopropyltoluene	1.798	1.356	24.6	71	0.00
70	n-Butylbenzene	1.957	1.448	26.0	74	0.01
71	2-Chlorotoluene	1.345	1.100	18.2	75	0.00
72 T	4-Ethyltoluene	1.421	1.161	18.3	74	0.00
73 T	1,3,5-Trimethylbenzene	1.370	1.095	20.1	74	0.00
74 T	1,2,4-Trimethylbenzene	1.397	1.067	23.6	73	0.00
75 T	1,3-Dichlorobenzene	0.771	0.589	23.6	72	0.00
76 T	1,4-Dichlorobenzene	0.775	0.596	23.1	71	0.00
77 T	1,2-Dichlorobenzene	0.767	0.565	26.3	69	0.00
78 T	Hexachloro-1,3-Butadiene	0.382	0.434	-13.6	124	0.00
79 T	Naphthalene	1.636	1.221	25.4	75	0.02
80 T	Naphthalene,2-methyl-	0.834	0.498	40.3#	63	0.01
81 T	1,2,4-Trichlorobenzene	0.742	0.539	27.4	72	0.02

(#) = Out of Range

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