

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111418\
 Data File : VL032774.D
 Acq On : 15 Nov 2018 00:57
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 15 07:26:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 14 07:00:23 2018
 QLast Update : Wed Nov 14 07:00:23 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	97	0.00
2 T	Dichlorodifluoromethane	1.437	1.269	11.7	96	0.00
3	Chlorodifluoromethane	0.793	0.728	8.2	99	0.00
4	Chloromethane	0.440	0.414	5.9	103	0.00
5 T	Vinyl Chloride	0.466	0.421	9.7	102	0.00
6 T	Bromomethane	0.285	0.266	6.7	98	0.00
7	Chloroethane	0.168	0.156	7.1	100	0.00
8 T	Dichlorotetrafluoroethane	1.133	0.991	12.5	97	0.00
9 T	Propene	0.317	0.327	-3.2	109	0.00
10 T	Heptane	1.211	1.264	-4.4	102	0.00
11 T	Trichlorofluoromethane	1.355	1.099	18.9	95	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.106	0.938	15.2	96	0.00
13	Ethanol	0.104	0.072	30.8#	95	0.00
14 T	Bromoethene	0.367	0.348	5.2	102	0.00
15 T	Acetone	0.913	0.721	21.0	99	0.00
16 T	1,3-Butadiene	0.354	0.356	-0.6	94	0.00
17	tert-Butyl alcohol	0.286	0.301	-5.2	103	0.00
18 T	1,1-Dichloroethene	0.544	0.523	3.9	100	0.00
19 T	Isopropyl Alcohol	0.608	0.526	13.5	99	0.00
20 T	Methylene Chloride	0.473	0.449	5.1	101	0.00
21 T	Allyl Chloride	0.767	0.853	-11.2	120	0.00
22 T	trans-1,2-Dichloroethene	0.531	0.487	8.3	92	0.00
23 T	Vinyl Acetate	1.665	1.737	-4.3	96	0.00
24 T	1,1-Dichloroethane	1.323	1.245	5.9	92	0.00
25 T	Ethyl Acetate	2.128	2.048	3.8	101	0.00
26 T	Hexane	0.947	0.942	0.5	101	0.00
27 T	Carbon Disulfide	1.201	1.227	-2.2	105	0.00
28 T	Methyl tert-Butyl Ether	1.511	1.587	-5.0	96	0.00
29 T	Chloroform	1.689	1.532	9.3	98	0.00
30 T	Cyclohexane	0.829	0.870	-4.9	103	0.00
31 T	cis-1,2-Dichloroethene	0.953	0.982	-3.0	101	0.00
32 T	1,1,1-Trichloroethane	1.851	1.666	10.0	99	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
34 T	2-Butanone	0.519	0.511	1.5	101	0.00
35 T	Carbon Tetrachloride	0.804	0.680	15.4	96	0.00
36 T	Benzene	0.796	0.803	-0.9	105	0.00
37 T	1,2-Dichloroethane	0.536	0.481	10.3	96	0.00
38 T	Trichloroethene	0.322	0.306	5.0	98	0.00
39 T	1,2-Dichloropropane	0.303	0.304	-0.3	105	0.00
40 T	1,4-Dioxane	0.108	0.109	-0.9	107	0.00
41 T	Tetrahydrofuran	0.298	0.316	-6.0	104	0.00
42 T	Bromodichloromethane	0.727	0.673	7.4	98	0.00
43	Methyl Methacrylate	0.297	0.316	-6.4	101	0.00
44 T	2,2,4-Trimethylpentane	1.331	1.304	2.0	101	0.00
45 T	t-1,3-Dichloropropene	0.399	0.458	-14.8	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.482	0.527	-9.3	99	0.00
47 T	1,1,2-Trichloroethane	0.359	0.340	5.3	99	0.00
48 T	Dibromochloromethane	0.610	0.572	6.2	89	0.00
49 T	Bromoform	0.504	0.451	10.5	90	0.00
50 T	4-Methyl-2-Pentanone	0.810	0.803	0.9	97	0.00
51 T	2-Hexanone	0.522	0.570	-9.2	97	0.00
52 T	Tetrachloroethene	0.277	0.270	2.5	99	0.00
53 T	Toluene	0.831	0.903	-8.7	101	0.00
54 T	1,2-Dibromoethane	0.507	0.493	2.8	98	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
56	1,1,1,2-Tetrachloroethane	0.466	0.402	13.7	95	0.00
57 T	Chlorobenzene	0.765	0.674	11.9	97	0.00
58 T	Ethyl Benzene	1.203	1.201	0.2	97	0.00
59 T	m/p-Xylene	1.071	0.995	7.1	96	0.00
60 T	o-Xylene	1.077	0.957	11.1	94	0.00
61 T	Styrene	0.701	0.730	-4.1	95	0.00
62	Isopropylbenzene	1.456	1.344	7.7	95	0.00
63 T	1,1,2,2-Tetrachloroethane	0.840	0.645	23.2	91	0.00
64	n-propylbenzene	0.383	0.342	10.7	91	0.00
65	tert-Butylbenzene	1.305	1.147	12.1	89	0.00
66 T	Benzyl Chloride	0.722	0.666	7.8	84	0.00
67	sec-Butylbenzene	1.881	1.632	13.2	90	0.00
68 S	1-Bromo-4-Fluorobenzene	0.748	0.712	4.8	90	0.00
69	p-Isopropyltoluene	1.496	1.343	10.2	91	0.00
70	n-Butylbenzene	1.519	1.381	9.1	92	0.00
71	2-Chlorotoluene	1.086	1.001	7.8	90	0.00
72 T	4-Ethyltoluene	1.181	1.082	8.4	90	0.00
73 T	1,3,5-Trimethylbenzene	1.154	1.023	11.4	89	0.00
74 T	1,2,4-Trimethylbenzene	1.235	1.037	16.0	89	0.00
75 T	1,3-Dichlorobenzene	0.709	0.581	18.1	88	0.00
76 T	1,4-Dichlorobenzene	0.662	0.581	12.2	89	0.00
77 T	1,2-Dichlorobenzene	0.656	0.578	11.9	93	0.00
78 T	Hexachloro-1,3-Butadiene	0.354	0.429	-21.2	121	0.00
79 T	Naphthalene	0.812	1.038	-27.8	114	0.00
80 T	Naphthalene,2-methyl-	0.203	0.277	-36.5#	90	0.00
81 T	1,2,4-Trichlorobenzene	0.408	0.484	-18.6	110	0.00

(#) = Out of Range

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