

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL100318\
 Data File : VL032582.D
 Acq On : 3 Oct 2018 15:45
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 03 16:16:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 01 06:49:26 2018
 QLast Update : Mon Oct 01 06:49:26 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	87	-0.02
2 T	Dichlorodifluoromethane	0.925	0.764	17.4	81	-0.01
3	Chlorodifluoromethane	0.832	0.807	3.0	92	-0.01
4	Chloromethane	0.485	0.458	5.6	89	-0.01
5 T	Vinyl Chloride	0.490	0.479	2.2	96	-0.01
6 T	Bromomethane	0.268	0.286	-6.7	93	-0.02
7	Chloroethane	0.175	0.177	-1.1	95	-0.02
8 T	Dichlorotetrafluoroethane	1.011	1.067	-5.5	102	-0.02
9 T	Propene	0.361	0.337	6.6	81	-0.01
10 T	Heptane	1.323	1.358	-2.6	84	-0.02
11 T	Trichlorofluoromethane	1.100	1.143	-3.9	103	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	0.899	0.815	9.3	88	-0.02
13	Ethanol	0.108	0.100	7.4	94	-0.02
14 T	Bromoethene	0.319	0.344	-7.8	96	-0.02
15 T	Acetone	0.878	0.828	5.7	95	-0.02
16 T	1,3-Butadiene	0.356	0.351	1.4	87	-0.02
17	tert-Butyl alcohol	0.110	0.085	22.7	79	-0.03
18 T	1,1-Dichloroethene	0.421	0.378	10.2	82	-0.02
19 T	Isopropyl Alcohol	0.611	0.636	-4.1	95	-0.02
20 T	Methylene Chloride	0.425	0.347	18.4	86	-0.02
21 T	Allyl Chloride	0.717	0.668	6.8	84	-0.02
22 T	trans-1,2-Dichloroethene	0.397	0.461	-16.1	107	-0.02
23 T	Vinyl Acetate	1.551	1.630	-5.1	85	-0.02
24 T	1,1-Dichloroethane	1.292	1.276	1.2	92	-0.02
25 T	Ethyl Acetate	2.130	2.101	1.4	89	-0.02
26 T	Hexane	0.962	0.980	-1.9	91	-0.02
27 T	Carbon Disulfide	1.034	1.023	1.1	88	-0.02
28 T	Methyl tert-Butyl Ether	1.198	1.321	-10.3	91	-0.02
29 T	Chloroform	1.476	1.513	-2.5	98	-0.02
30 T	Cyclohexane	0.783	0.854	-9.1	88	-0.02
31 T	cis-1,2-Dichloroethene	0.916	0.996	-8.7	90	-0.02
32 T	1,1,1-Trichloroethane	1.573	1.583	-0.6	95	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	-0.02
34 T	2-Butanone	0.595	0.576	3.2	84	-0.02
35 T	Carbon Tetrachloride	0.695	0.692	0.4	96	-0.02
36 T	Benzene	0.808	0.889	-10.0	95	-0.02
37 T	1,2-Dichloroethane	0.487	0.524	-7.6	99	-0.02
38 T	Trichloroethene	0.309	0.333	-7.8	96	-0.02
39 T	1,2-Dichloropropane	0.364	0.363	0.3	87	-0.02
40 T	1,4-Dioxane	0.112	0.127	-13.4	100	-0.02
41 T	Tetrahydrofuran	0.324	0.346	-6.8	86	-0.02
42 T	Bromodichloromethane	0.730	0.759	-4.0	94	-0.02
43	Methyl Methacrylate	0.338	0.380	-12.4	91	-0.02
44 T	2,2,4-Trimethylpentane	1.579	1.589	-0.6	89	-0.02
45 T	t-1,3-Dichloropropene	0.420	0.521	-24.0	88	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.493	0.558	-13.2	86	-0.02
47 T	1,1,2-Trichloroethane	0.404	0.405	-0.2	92	-0.02
48 T	Dibromochloromethane	0.636	0.690	-8.5	95	-0.02
49 T	Bromoform	0.486	0.536	-10.3	96	-0.02
50 T	4-Methyl-2-Pentanone	0.936	0.904	3.4	81	-0.02
51 T	2-Hexanone	0.774	0.826	-6.7	84	-0.02
52 T	Tetrachloroethene	0.281	0.291	-3.6	93	-0.02
53 T	Toluene	0.985	1.110	-12.7	89	-0.02
54 T	1,2-Dibromoethane	0.575	0.613	-6.6	92	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	92	-0.02
56	1,1,1,2-Tetrachloroethane	0.450	0.448	0.4	102	-0.02
57 T	Chlorobenzene	0.806	0.774	4.0	99	-0.02
58 T	Ethyl Benzene	1.213	1.287	-6.1	91	-0.02
59 T	m/p-Xylene	1.079	1.075	0.4	93	-0.03
60 T	o-Xylene	1.051	1.045	0.6	93	-0.03
61 T	Styrene	0.687	0.770	-12.1	90	-0.02
62	Isopropylbenzene	1.486	1.470	1.1	92	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.933	0.793	15.0	93	-0.02
64	n-propylbenzene	0.382	0.382	0.0	92	-0.02
65	tert-Butylbenzene	1.274	1.251	1.8	94	-0.02
66 T	Benzyl Chloride	0.734	0.805	-9.7	94	-0.02
67	sec-Butylbenzene	1.894	1.833	3.2	93	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.754	0.712	5.6	89	-0.02
69	p-Isopropyltoluene	1.463	1.476	-0.9	94	-0.02
70	n-Butylbenzene	1.598	1.623	-1.6	94	-0.02
71	2-Chlorotoluene	1.132	1.169	-3.3	93	-0.02
72 T	4-Ethyltoluene	1.141	1.207	-5.8	93	-0.02
73 T	1,3,5-Trimethylbenzene	1.108	1.154	-4.2	93	-0.03
74 T	1,2,4-Trimethylbenzene	1.193	1.171	1.8	95	-0.02
75 T	1,3-Dichlorobenzene	0.736	0.657	10.7	94	-0.02
76 T	1,4-Dichlorobenzene	0.674	0.656	2.7	93	-0.02
77 T	1,2-Dichlorobenzene	0.693	0.652	5.9	95	-0.02
78 T	Hexachloro-1,3-Butadiene	0.260	0.397	-52.7#	171#	-0.02
79 T	Naphthalene	0.861	1.052	-22.2	91	-0.03
80 T	Naphthalene,2-methyl-	0.202	0.399	-97.5#	91	-0.01
81 T	1,2,4-Trichlorobenzene	0.441	0.499	-13.2	91	-0.03

(#) = Out of Range

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