

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL021419\
 Data File : VL033200.D
 Acq On : 14 Feb 2019 14:49
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 15 04:21:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL020519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 06 09:13:11 2019
 QLast Update : Wed Feb 06 09:13:11 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	92	0.00
2 T	Dichlorodifluoromethane	1.912	1.352	29.3	69	0.00
3	Chlorodifluoromethane	1.204	1.295	-7.6	106	0.00
4	Chloromethane	0.636	0.689	-8.3	105	0.00
5 T	Vinyl Chloride	0.664	0.668	-0.6	107	0.00
6 T	Bromomethane	0.365	0.395	-8.2	105	0.00
7	Chloroethane	0.217	0.237	-9.2	106	0.00
8 T	Dichlorotetrafluoroethane	1.495	1.527	-2.1	104	0.00
9 T	Propene	0.582	0.595	-2.2	104	0.00
10 T	Heptane	1.760	1.468	16.6	85	0.00
11 T	Trichlorofluoromethane	1.548	1.668	-7.8	107	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.073	1.086	-1.2	100	0.00
13	Ethanol	0.194	0.142	26.8	100	0.00
14 T	Bromoethene	0.463	0.485	-4.8	102	0.00
15 T	Acetone	1.127	1.120	0.6	107	0.00
16 T	1,3-Butadiene	0.535	0.533	0.4	98	0.00
17	tert-Butyl alcohol	0.215	0.251	-16.7	110	0.00
18 T	1,1-Dichloroethene	0.480	0.510	-6.3	101	0.00
19 T	Isopropyl Alcohol	0.764	0.874	-14.4	122	0.00
20 T	Methylene Chloride	0.448	0.434	3.1	102	0.00
21 T	Allyl Chloride	0.744	0.792	-6.5	99	0.00
22 T	trans-1,2-Dichloroethene	0.466	0.503	-7.9	103	0.00
23 T	Vinyl Acetate	1.953	2.083	-6.7	103	0.00
24 T	1,1-Dichloroethane	1.381	1.412	-2.2	104	0.00
25 T	Ethyl Acetate	2.533	2.398	5.3	102	0.00
26 T	Hexane	1.189	1.094	8.0	102	0.00
27 T	Carbon Disulfide	1.089	1.200	-10.2	98	0.00
28 T	Methyl tert-Butyl Ether	1.625	1.667	-2.6	102	0.00
29 T	Chloroform	1.822	1.743	4.3	100	0.00
30 T	Cyclohexane	1.103	0.937	15.0	85	0.00
31 T	cis-1,2-Dichloroethene	1.190	1.163	2.3	101	0.00
32 T	1,1,1-Trichloroethane	2.007	1.696	15.5	101	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	74	0.00
34 T	2-Butanone	0.634	0.715	-12.8	101	0.00
35 T	Carbon Tetrachloride	0.764	0.752	1.6	86	0.00
36 T	Benzene	1.013	0.977	3.6	92	0.00
37 T	1,2-Dichloroethane	0.562	0.605	-7.7	106	0.00
38 T	Trichloroethene	0.434	0.364	16.1	86	0.00
39 T	1,2-Dichloropropane	0.400	0.379	5.3	83	0.00
40 T	1,4-Dioxane	0.145	0.143	1.4	94	0.00
41 T	Tetrahydrofuran	0.393	0.405	-3.1	96	0.00
42 T	Bromodichloromethane	0.814	0.851	-4.5	89	0.00
43	Methyl Methacrylate	0.407	0.413	-1.5	86	0.00
44 T	2,2,4-Trimethylpentane	1.717	1.664	3.1	88	0.00
45 T	t-1,3-Dichloropropene	0.452	0.551	-21.9	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.576	0.624	-8.3	86	0.00
47 T	1,1,2-Trichloroethane	0.415	0.407	1.9	85	0.00
48 T	Dibromochloromethane	0.654	0.728	-11.3	90	0.00
49 T	Bromoform	0.563	0.612	-8.7	86	0.00
50 T	4-Methyl-2-Pentanone	1.017	1.032	-1.5	87	0.00
51 T	2-Hexanone	0.802	0.824	-2.7	86	-0.01
52 T	Tetrachloroethene	0.389	0.353	9.3	85	0.00
53 T	Toluene	1.200	1.155	3.7	83	0.00
54 T	1,2-Dibromoethane	0.651	0.666	-2.3	88	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
56	1,1,1,2-Tetrachloroethane	0.459	0.445	3.1	86	0.00
57 T	Chlorobenzene	0.873	0.762	12.7	82	0.00
58 T	Ethyl Benzene	1.618	1.476	8.8	84	0.00
59 T	m/p-Xylene	1.351	1.227	9.2	85	0.00
60 T	o-Xylene	1.313	1.171	10.8	85	0.00
61 T	Styrene	0.991	0.897	9.5	81	0.00
62	Isopropylbenzene	1.853	1.663	10.3	84	0.00
63 T	1,1,2,2-Tetrachloroethane	1.032	0.816	20.9	86	0.00
64	n-propylbenzene	0.471	0.423	10.2	82	0.00
65	tert-Butylbenzene	1.613	1.440	10.7	84	0.00
66 T	Benzyl Chloride	0.573	0.728	-27.1	81	0.00
67	sec-Butylbenzene	2.342	2.099	10.4	84	0.00
68 S	1-Bromo-4-Fluorobenzene	0.770	0.772	-0.3	78	0.00
69	p-Isopropyltoluene	1.951	1.718	11.9	84	0.00
70	n-Butylbenzene	2.105	1.843	12.4	84	0.00
71	2-Chlorotoluene	1.456	1.299	10.8	83	0.00
72 T	4-Ethyltoluene	1.514	1.384	8.6	83	0.00
73 T	1,3,5-Trimethylbenzene	1.448	1.326	8.4	84	0.00
74 T	1,2,4-Trimethylbenzene	1.503	1.330	11.5	84	0.00
75 T	1,3-Dichlorobenzene	0.867	0.768	11.4	83	0.00
76 T	1,4-Dichlorobenzene	0.858	0.778	9.3	83	0.00
77 T	1,2-Dichlorobenzene	0.856	0.770	10.0	84	0.00
78 T	Hexachloro-1,3-Butadiene	0.426	0.549	-28.9	131	0.00
79 T	Naphthalene	1.614	1.341	16.9	78	0.00
80 T	Naphthalene,2-methyl-	0.817	0.560	31.5#	70	0.00
81 T	1,2,4-Trichlorobenzene	0.820	0.669	18.4	78	0.00

(#) = Out of Range

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