

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL020519\
 Data File : VL033183.D
 Acq On : 6 Feb 2019 18:33
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 07 06:28:30 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	103	0.00
2 T	Dichlorodifluoromethane	1.912	1.508	21.1	87	0.00
3	Chlorodifluoromethane	1.204	0.940	21.9	87	0.00
4	Chloromethane	0.636	0.505	20.6	86	0.00
5 T	Vinyl Chloride	0.664	0.485	27.0	87	0.00
6 T	Bromomethane	0.365	0.293	19.7	88	0.00
7	Chloroethane	0.217	0.171	21.2	86	0.00
8 T	Dichlorotetrafluoroethane	1.495	1.156	22.7	89	0.00
9 T	Propene	0.582	0.430	26.1	85	0.00
10 T	Heptane	1.760	1.381	21.5	90	0.00
11 T	Trichlorofluoromethane	1.548	1.288	16.8	93	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.073	0.840	21.7	87	0.00
13	Ethanol	0.194	0.099	49.0#	79	0.00
14 T	Bromoethene	0.463	0.380	17.9	90	0.00
15 T	Acetone	1.127	0.852	24.4	92	0.00
16 T	1,3-Butadiene	0.535	0.406	24.1	84	0.00
17	tert-Butyl alcohol	0.215	0.175	18.6	86	0.00
18 T	1,1-Dichloroethene	0.480	0.386	19.6	87	0.00
19 T	Isopropyl Alcohol	0.764	0.612	19.9	97	0.00
20 T	Methylene Chloride	0.448	0.332	25.9	88	0.00
21 T	Allyl Chloride	0.744	0.615	17.3	87	0.00
22 T	trans-1,2-Dichloroethene	0.466	0.425	8.8	98	0.00
23 T	Vinyl Acetate	1.953	1.846	5.5	103	0.00
24 T	1,1-Dichloroethane	1.381	1.239	10.3	103	0.00
25 T	Ethyl Acetate	2.533	2.221	12.3	107	0.00
26 T	Hexane	1.189	0.996	16.2	105	0.00
27 T	Carbon Disulfide	1.089	0.952	12.6	87	0.00
28 T	Methyl tert-Butyl Ether	1.625	1.437	11.6	100	0.00
29 T	Chloroform	1.822	1.653	9.3	107	0.00
30 T	Cyclohexane	1.103	0.828	24.9	85	0.00
31 T	cis-1,2-Dichloroethene	1.190	1.077	9.5	106	0.00
32 T	1,1,1-Trichloroethane	2.007	1.583	21.1	106	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
34 T	2-Butanone	0.634	0.670	-5.7	103	0.00
35 T	Carbon Tetrachloride	0.764	0.727	4.8	90	0.00
36 T	Benzene	1.013	0.940	7.2	97	0.00
37 T	1,2-Dichloroethane	0.562	0.574	-2.1	110	0.00
38 T	Trichloroethene	0.434	0.345	20.5	89	0.00
39 T	1,2-Dichloropropane	0.400	0.369	7.8	88	0.00
40 T	1,4-Dioxane	0.145	0.131	9.7	94	0.00
41 T	Tetrahydrofuran	0.393	0.398	-1.3	103	0.00
42 T	Bromodichloromethane	0.814	0.814	0.0	93	0.00
43	Methyl Methacrylate	0.407	0.392	3.7	89	0.00
44 T	2,2,4-Trimethylpentane	1.717	1.585	7.7	91	0.00
45 T	t-1,3-Dichloropropene	0.452	0.522	-15.5	90	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.576	0.596	-3.5	89	0.00
47 T	1,1,2-Trichloroethane	0.415	0.394	5.1	90	0.00
48 T	Dibromochloromethane	0.654	0.679	-3.8	92	0.00
49 T	Bromoform	0.563	0.590	-4.8	91	0.00
50 T	4-Methyl-2-Pentanone	1.017	0.988	2.9	91	0.00
51 T	2-Hexanone	0.802	0.796	0.7	90	0.00
52 T	Tetrachloroethene	0.389	0.335	13.9	88	0.00
53 T	Toluene	1.200	1.129	5.9	89	0.00
54 T	1,2-Dibromoethane	0.651	0.628	3.5	91	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
56	1,1,1,2-Tetrachloroethane	0.459	0.435	5.2	90	0.00
57 T	Chlorobenzene	0.873	0.761	12.8	88	0.00
58 T	Ethyl Benzene	1.618	1.458	9.9	88	0.00
59 T	m/p-Xylene	1.351	1.191	11.8	88	-0.03
60 T	o-Xylene	1.313	1.155	12.0	90	0.00
61 T	Styrene	0.991	0.894	9.8	87	0.00
62	Isopropylbenzene	1.853	1.640	11.5	88	0.00
63 T	1,1,2,2-Tetrachloroethane	1.032	0.803	22.2	90	0.00
64	n-propylbenzene	0.471	0.419	11.0	87	0.00
65	tert-Butylbenzene	1.613	1.421	11.9	89	0.00
66 T	Benzyl Chloride	0.573	0.726	-26.7	86	0.00
67	sec-Butylbenzene	2.342	2.072	11.5	89	0.00
68 S	1-Bromo-4-Fluorobenzene	0.770	0.787	-2.2	86	0.00
69	p-Isopropyltoluene	1.951	1.703	12.7	89	0.00
70	n-Butylbenzene	2.105	1.857	11.8	90	0.00
71	2-Chlorotoluene	1.456	1.303	10.5	89	0.00
72 T	4-Ethyltoluene	1.514	1.387	8.4	89	0.00
73 T	1,3,5-Trimethylbenzene	1.448	1.320	8.8	89	0.00
74 T	1,2,4-Trimethylbenzene	1.503	1.316	12.4	89	0.00
75 T	1,3-Dichlorobenzene	0.867	0.760	12.3	88	0.00
76 T	1,4-Dichlorobenzene	0.858	0.772	10.0	88	0.00
77 T	1,2-Dichlorobenzene	0.856	0.760	11.2	89	0.00
78 T	Hexachloro-1,3-Butadiene	0.426	0.591	-38.7#	151#	0.00
79 T	Naphthalene	1.614	1.453	10.0	90	0.00
80 T	Naphthalene,2-methyl-	0.817	0.700	14.3	93	0.00
81 T	1,2,4-Trichlorobenzene	0.820	0.705	14.0	88	0.00

(#) = Out of Range

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