

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL121718\
 Data File : VL033022.D
 Acq On : 18 Dec 2018 12:11
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 18 12:42:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 07 09:35:17 2018
 QLast Update : Fri Dec 07 09:35:17 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	90	0.00
2 T	Dichlorodifluoromethane	1.335	1.516	-13.6	108	0.00
3	Chlorodifluoromethane	0.757	0.836	-10.4	108	0.00
4	Chloromethane	0.441	0.447	-1.4	106	0.00
5 T	Vinyl Chloride	0.449	0.467	-4.0	106	0.00
6 T	Bromomethane	0.281	0.303	-7.8	103	0.00
7	Chloroethane	0.161	0.179	-11.2	107	0.00
8 T	Dichlorotetrafluoroethane	1.109	1.158	-4.4	102	0.00
9 T	Propene	0.299	0.341	-14.0	112	0.00
10 T	Heptane	1.125	1.231	-9.4	96	0.00
11 T	Trichlorofluoromethane	1.258	1.396	-11.0	107	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.073	0.950	11.5	88	0.00
13	Ethanol	0.103	0.106	-2.9	139	0.00
14 T	Bromoethene	0.356	0.424	-19.1	108	0.00
15 T	Acetone	0.858	0.883	-2.9	110	0.00
16 T	1,3-Butadiene	0.341	0.380	-11.4	103	0.00
17	tert-Butyl alcohol	0.219	0.251	-14.6	106	0.00
18 T	1,1-Dichloroethene	0.420	0.442	-5.2	105	0.00
19 T	Isopropyl Alcohol	0.539	0.721	-33.8#	129	0.00
20 T	Methylene Chloride	0.420	0.391	6.9	93	0.00
21 T	Allyl Chloride	0.699	0.693	0.9	91	0.00
22 T	trans-1,2-Dichloroethene	0.522	0.443	15.1	86	0.00
23 T	Vinyl Acetate	1.453	1.816	-25.0	117	0.00
24 T	1,1-Dichloroethane	1.264	1.153	8.8	94	0.00
25 T	Ethyl Acetate	2.028	2.170	-7.0	98	0.00
26 T	Hexane	0.936	1.002	-7.1	97	0.00
27 T	Carbon Disulfide	1.170	1.110	5.1	88	0.00
28 T	Methyl tert-Butyl Ether	1.406	1.688	-20.1	111	0.00
29 T	Chloroform	1.670	1.652	1.1	93	0.00
30 T	Cyclohexane	0.776	0.858	-10.6	98	0.00
31 T	cis-1,2-Dichloroethene	0.859	1.017	-18.4	106	0.00
32 T	1,1,1-Trichloroethane	1.767	1.734	1.9	94	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
34 T	2-Butanone	0.436	0.571	-31.0#	116	0.00
35 T	Carbon Tetrachloride	0.786	0.780	0.8	96	0.00
36 T	Benzene	0.736	0.796	-8.2	95	0.00
37 T	1,2-Dichloroethane	0.501	0.532	-6.2	94	0.00
38 T	Trichloroethene	0.306	0.329	-7.5	92	0.00
39 T	1,2-Dichloropropane	0.279	0.290	-3.9	92	0.00
40 T	1,4-Dioxane	0.103	0.130	-26.2	117	0.00
41 T	Tetrahydrofuran	0.271	0.314	-15.9	97	0.00
42 T	Bromodichloromethane	0.694	0.747	-7.6	95	0.00
43	Methyl Methacrylate	0.273	0.323	-18.3	94	0.00
44 T	2,2,4-Trimethylpentane	1.249	1.336	-7.0	92	0.00
45 T	t-1,3-Dichloropropene	0.334	0.427	-27.8	90	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.409	0.494	-20.8	92	0.00
47 T	1,1,2-Trichloroethane	0.307	0.330	-7.5	94	0.00
48 T	Dibromochloromethane	0.576	0.626	-8.7	93	0.00
49 T	Bromoform	0.474	0.431	9.1	75	0.00
50 T	4-Methyl-2-Pentanone	0.697	0.752	-7.9	92	0.00
51 T	2-Hexanone	0.472	0.563	-19.3	89	0.00
52 T	Tetrachloroethene	0.268	0.290	-8.2	93	0.00
53 T	Toluene	0.780	0.921	-18.1	92	0.00
54 T	1,2-Dibromoethane	0.480	0.411	14.4	72	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
56	1,1,1,2-Tetrachloroethane	0.446	0.399	10.5	83	0.00
57 T	Chlorobenzene	0.722	0.578	19.9	75	0.00
58 T	Ethyl Benzene	1.067	1.009	5.4	75	0.00
59 T	m/p-Xylene	0.967	0.858	11.3	75	-0.03
60 T	o-Xylene	0.977	1.094	-12.0	97	0.00
61 T	Styrene	0.650	0.800	-23.1	90	0.00
62	Isopropylbenzene	1.363	1.535	-12.6	95	0.00
63 T	1,1,2,2-Tetrachloroethane	0.758	0.743	2.0	96	0.00
64	n-propylbenzene	0.354	0.396	-11.9	91	0.00
65	tert-Butylbenzene	1.263	1.369	-8.4	86	0.00
66 T	Benzyl Chloride	0.700	0.796	-13.7	86	0.00
67	sec-Butylbenzene	1.863	1.921	-3.1	86	0.00
68 S	1-Bromo-4-Fluorobenzene	0.739	0.735	0.5	86	0.00
69	p-Isopropyltoluene	1.509	1.600	-6.0	87	0.00
70	n-Butylbenzene	1.389	1.605	-15.6	93	0.00
71	2-Chlorotoluene	1.013	1.143	-12.8	89	0.00
72 T	4-Ethyltoluene	1.090	1.264	-16.0	91	0.00
73 T	1,3,5-Trimethylbenzene	1.065	1.210	-13.6	96	0.00
74 T	1,2,4-Trimethylbenzene	1.202	1.242	-3.3	86	0.00
75 T	1,3-Dichlorobenzene	0.708	0.697	1.6	87	0.00
76 T	1,4-Dichlorobenzene	0.660	0.689	-4.4	87	0.00
77 T	1,2-Dichlorobenzene	0.661	0.673	-1.8	88	0.00
78 T	Hexachloro-1,3-Butadiene	0.364	0.451	-23.9	133	0.00
79 T	Naphthalene	0.776	0.935	-20.5	94	0.00
80 T	Naphthalene,2-methyl-	0.166	0.237	-42.8#	90	0.00
81 T	1,2,4-Trichlorobenzene	0.412	0.463	-12.4	94	0.00

(#) = Out of Range

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