

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL011619\
 Data File : VL033087.D
 Acq On : 16 Jan 2019 9:35
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 17 02:01:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL010419AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jan 04 16:09:05 2019
 QLast Update : Fri Jan 04 16:09:05 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	95	0.00
2 T	Dichlorodifluoromethane	1.861	1.998	-7.4	99	0.00
3	Chlorodifluoromethane	1.132	1.090	3.7	99	0.00
4	Chloromethane	0.648	0.594	8.3	103	0.00
5 T	Vinyl Chloride	0.655	0.626	4.4	103	0.00
6 T	Bromomethane	0.445	0.411	7.6	100	0.00
7	Chloroethane	0.256	0.238	7.0	104	0.00
8 T	Dichlorotetrafluoroethane	1.603	1.586	1.1	102	0.00
9 T	Propene	0.423	0.438	-3.5	106	0.00
10 T	Heptane	1.204	1.196	0.7	101	0.00
11 T	Trichlorofluoromethane	2.056	1.700	17.3	97	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.300	1.163	10.5	97	0.00
13	Ethanol	0.169	0.131	22.5	119	0.00
14 T	Bromoethene	0.574	0.519	9.6	99	0.00
15 T	Acetone	1.384	1.105	20.2	100	0.00
16 T	1,3-Butadiene	0.522	0.562	-7.7	115	0.00
17	tert-Butyl alcohol	0.293	0.261	10.9	97	0.00
18 T	1,1-Dichloroethene	0.599	0.533	11.0	98	0.00
19 T	Isopropyl Alcohol	0.953	0.781	18.0	109	0.00
20 T	Methylene Chloride	0.577	0.457	20.8	98	0.00
21 T	Allyl Chloride	0.858	0.825	3.8	98	0.00
22 T	trans-1,2-Dichloroethene	0.594	0.528	11.1	98	0.00
23 T	Vinyl Acetate	1.761	1.773	-0.7	106	0.00
24 T	1,1-Dichloroethane	1.495	1.312	12.2	101	0.00
25 T	Ethyl Acetate	2.340	2.115	9.6	100	0.00
26 T	Hexane	1.102	0.977	11.3	100	0.00
27 T	Carbon Disulfide	1.359	1.358	0.1	100	0.00
28 T	Methyl tert-Butyl Ether	1.720	1.648	4.2	104	0.00
29 T	Chloroform	1.877	1.641	12.6	97	0.00
30 T	Cyclohexane	0.821	0.850	-3.5	103	0.00
31 T	cis-1,2-Dichloroethene	1.023	1.014	0.9	104	0.00
32 T	1,1,1-Trichloroethane	1.905	1.765	7.3	101	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
34 T	2-Butanone	0.581	0.540	7.1	102	0.00
35 T	Carbon Tetrachloride	0.859	0.778	9.4	100	0.00
36 T	Benzene	0.819	0.795	2.9	102	0.00
37 T	1,2-Dichloroethane	0.572	0.524	8.4	99	0.00
38 T	Trichloroethene	0.337	0.337	0.0	102	0.00
39 T	1,2-Dichloropropane	0.308	0.296	3.9	102	0.00
40 T	1,4-Dioxane	0.117	0.114	2.6	109	0.00
41 T	Tetrahydrofuran	0.296	0.302	-2.0	103	0.00
42 T	Bromodichloromethane	0.786	0.724	7.9	99	0.00
43	Methyl Methacrylate	0.307	0.318	-3.6	100	0.00
44 T	2,2,4-Trimethylpentane	1.387	1.340	3.4	101	0.00
45 T	t-1,3-Dichloropropene	0.383	0.444	-15.9	99	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.437	0.503	-15.1	100	0.00
47 T	1,1,2-Trichloroethane	0.360	0.333	7.5	99	0.00
48 T	Dibromochloromethane	0.635	0.648	-2.0	101	0.00
49 T	Bromoform	0.555	0.556	-0.2	100	0.00
50 T	4-Methyl-2-Pentanone	0.736	0.754	-2.4	100	0.00
51 T	2-Hexanone	0.533	0.591	-10.9	101	0.00
52 T	Tetrachloroethene	0.290	0.299	-3.1	102	0.00
53 T	Toluene	0.878	0.945	-7.6	101	0.00
54 T	1,2-Dibromoethane	0.518	0.531	-2.5	100	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
56	1,1,1,2-Tetrachloroethane	0.517	0.451	12.8	100	0.00
57 T	Chlorobenzene	0.835	0.735	12.0	101	0.00
58 T	Ethyl Benzene	1.263	1.277	-1.1	100	0.00
59 T	m/p-Xylene	1.168	1.099	5.9	100	0.00
60 T	o-Xylene	1.143	1.061	7.2	98	0.00
61 T	Styrene	0.730	0.782	-7.1	99	0.00
62	Isopropylbenzene	1.627	1.505	7.5	101	0.00
63 T	1,1,2,2-Tetrachloroethane	0.849	0.723	14.8	99	0.00
64	n-propylbenzene	0.413	0.384	7.0	101	0.00
65	tert-Butylbenzene	1.441	1.335	7.4	100	0.00
66 T	Benzyl Chloride	0.822	0.810	1.5	100	0.00
67	sec-Butylbenzene	2.063	1.867	9.5	98	0.00
68 S	1-Bromo-4-Fluorobenzene	0.767	0.734	4.3	96	0.00
69	p-Isopropyltoluene	1.674	1.542	7.9	99	0.00
70	n-Butylbenzene	1.683	1.520	9.7	98	0.00
71	2-Chlorotoluene	1.154	1.106	4.2	99	0.00
72 T	4-Ethyltoluene	1.257	1.222	2.8	100	0.00
73 T	1,3,5-Trimethylbenzene	1.240	1.157	6.7	99	0.00
74 T	1,2,4-Trimethylbenzene	1.373	1.202	12.5	99	0.00
75 T	1,3-Dichlorobenzene	0.808	0.674	16.6	100	0.00
76 T	1,4-Dichlorobenzene	0.736	0.661	10.2	100	0.00
77 T	1,2-Dichlorobenzene	0.728	0.639	12.2	99	0.00
78 T	Hexachloro-1,3-Butadiene	0.559	0.490	12.3	132	0.00
79 T	Naphthalene	1.157	1.120	3.2	98	0.00
80 T	Naphthalene,2-methyl-	0.351	0.444	-26.5	103	0.00
81 T	1,2,4-Trichlorobenzene	0.559	0.531	5.0	99	0.00

(#) = Out of Range

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