

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL122018\
 Data File : VL033024.D
 Acq On : 20 Dec 2018 13:15
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 21 06:27:27 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	96	0.00
2 T	Dichlorodifluoromethane	1.335	1.439	-7.8	109	0.00
3	Chlorodifluoromethane	0.757	0.771	-1.8	106	0.00
4	Chloromethane	0.441	0.424	3.9	107	0.00
5 T	Vinyl Chloride	0.449	0.440	2.0	106	0.00
6 T	Bromomethane	0.281	0.288	-2.5	104	0.00
7	Chloroethane	0.161	0.171	-6.2	109	0.00
8 T	Dichlorotetrafluoroethane	1.109	1.116	-0.6	104	0.00
9 T	Propene	0.299	0.316	-5.7	110	0.00
10 T	Heptane	1.125	1.127	-0.2	94	0.00
11 T	Trichlorofluoromethane	1.258	1.308	-4.0	106	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.073	0.891	17.0	88	0.00
13	Ethanol	0.103	0.086	16.5	119	0.00
14 T	Bromoethene	0.356	0.391	-9.8	106	0.00
15 T	Acetone	0.858	0.835	2.7	111	0.00
16 T	1,3-Butadiene	0.341	0.389	-14.1	112	0.00
17	tert-Butyl alcohol	0.219	0.212	3.2	95	0.00
18 T	1,1-Dichloroethene	0.420	0.407	3.1	103	0.00
19 T	Isopropyl Alcohol	0.539	0.594	-10.2	113	0.00
20 T	Methylene Chloride	0.420	0.351	16.4	89	0.00
21 T	Allyl Chloride	0.699	0.640	8.4	89	0.00
22 T	trans-1,2-Dichloroethene	0.522	0.407	22.0	84	0.00
23 T	Vinyl Acetate	1.453	1.667	-14.7	114	0.00
24 T	1,1-Dichloroethane	1.264	1.239	2.0	107	0.00
25 T	Ethyl Acetate	2.028	2.098	-3.5	101	0.00
26 T	Hexane	0.936	0.969	-3.5	100	0.00
27 T	Carbon Disulfide	1.170	1.033	11.7	87	0.00
28 T	Methyl tert-Butyl Ether	1.406	1.614	-14.8	113	0.00
29 T	Chloroform	1.670	1.603	4.0	96	0.00
30 T	Cyclohexane	0.776	0.813	-4.8	99	0.00
31 T	cis-1,2-Dichloroethene	0.859	1.003	-16.8	111	0.00
32 T	1,1,1-Trichloroethane	1.767	1.670	5.5	97	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
34 T	2-Butanone	0.436	0.402	7.8	88	0.00
35 T	Carbon Tetrachloride	0.786	0.736	6.4	97	0.00
36 T	Benzene	0.736	0.757	-2.9	97	0.00
37 T	1,2-Dichloroethane	0.501	0.511	-2.0	97	0.00
38 T	Trichloroethene	0.306	0.324	-5.9	97	0.00
39 T	1,2-Dichloropropane	0.279	0.279	0.0	95	0.00
40 T	1,4-Dioxane	0.103	0.107	-3.9	103	0.00
41 T	Tetrahydrofuran	0.271	0.301	-11.1	100	0.00
42 T	Bromodichloromethane	0.694	0.674	2.9	92	0.00
43	Methyl Methacrylate	0.273	0.293	-7.3	91	0.00
44 T	2,2,4-Trimethylpentane	1.249	1.312	-5.0	97	0.00
45 T	t-1,3-Dichloropropene	0.334	0.421	-26.0	95	0.00

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46 T	cis-1,3-Dichloropropene	0.409	0.376	8.1	75	0.00
47 T	1,1,2-Trichloroethane	0.307	0.321	-4.6	98	0.00
48 T	Dibromochloromethane	0.576	0.599	-4.0	95	0.00
49 T	Bromoform	0.474	0.407	14.1	76	0.00
50 T	4-Methyl-2-Pentanone	0.697	0.568	18.5	75	0.00
51 T	2-Hexanone	0.472	0.558	-18.2	95	0.00
52 T	Tetrachloroethene	0.268	0.285	-6.3	98	0.00
53 T	Toluene	0.780	0.888	-13.8	95	0.00
54 T	1,2-Dibromoethane	0.480	0.391	18.5	74	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
56	1,1,1,2-Tetrachloroethane	0.446	0.427	4.3	94	0.00
57 T	Chlorobenzene	0.722	0.699	3.2	96	0.00
58 T	Ethyl Benzene	1.067	0.969	9.2	76	0.00
59 T	m/p-Xylene	0.967	0.826	14.6	76	0.00
60 T	o-Xylene	0.977	1.057	-8.2	99	0.00
61 T	Styrene	0.650	0.781	-20.2	93	0.00
62	Isopropylbenzene	1.363	1.503	-10.3	99	0.00
63 T	1,1,2,2-Tetrachloroethane	0.758	0.726	4.2	100	0.00
64	n-propylbenzene	0.354	0.383	-8.2	93	0.00
65	tert-Butylbenzene	1.263	1.317	-4.3	87	0.00
66 T	Benzyl Chloride	0.700	0.778	-11.1	89	0.00
67	sec-Butylbenzene	1.863	1.855	0.4	88	0.00
68 S	1-Bromo-4-Fluorobenzene	0.739	0.763	-3.2	95	0.00
69	p-Isopropyltoluene	1.509	1.558	-3.2	90	0.00
70	n-Butylbenzene	1.389	1.579	-13.7	97	0.00
71	2-Chlorotoluene	1.013	1.107	-9.3	92	0.00
72 T	4-Ethyltoluene	1.090	1.234	-13.2	95	0.00
73 T	1,3,5-Trimethylbenzene	1.065	1.195	-12.2	100	0.00
74 T	1,2,4-Trimethylbenzene	1.202	1.194	0.7	88	0.00
75 T	1,3-Dichlorobenzene	0.708	0.676	4.5	90	0.00
76 T	1,4-Dichlorobenzene	0.660	0.657	0.5	88	0.00
77 T	1,2-Dichlorobenzene	0.661	0.663	-0.3	92	0.00
78 T	Hexachloro-1,3-Butadiene	0.364	0.320	12.1	100	0.00
79 T	Naphthalene	0.776	0.964	-24.2	103	0.00
80 T	Naphthalene,2-methyl-	0.166	0.238	-43.4#	96	0.00
81 T	1,2,4-Trichlorobenzene	0.412	0.485	-17.7	105	0.00

(#) = Out of Range

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