

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL041719\
 Data File : VL033599.D
 Acq On : 17 Apr 2019 12:51
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 18 05:53:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
 QLast Update : Tue Mar 26 16:00:50 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	116	0.00
2 T	Dichlorodifluoromethane	1.458	1.046	28.3	100	0.00
3	Chlorodifluoromethane	1.151	1.019	11.5	111	0.00
4	Chloromethane	0.609	0.564	7.4	114	0.00
5 T	Vinyl Chloride	0.599	0.554	7.5	113	0.00
6 T	Bromomethane	0.385	0.357	7.3	115	0.00
7	Chloroethane	0.223	0.211	5.4	115	0.00
8 T	Dichlorotetrafluoroethane	1.554	1.363	12.3	111	0.00
9 T	Propene	0.483	0.447	7.5	112	0.00
10 T	Heptane	1.292	1.142	11.6	108	0.00
11 T	Trichlorofluoromethane	1.797	1.629	9.3	114	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.207	1.101	8.8	115	0.00
13	Ethanol	0.125	0.131	-4.8	120	0.00
14 T	Bromoethene	0.482	0.454	5.8	113	0.00
15 T	Acetone	1.202	1.051	12.6	119	0.00
16 T	1,3-Butadiene	0.477	0.467	2.1	104	0.00
17	tert-Butyl alcohol	0.221	0.222	-0.5	120	0.00
18 T	1,1-Dichloroethene	0.519	0.486	6.4	114	0.00
19 T	Isopropyl Alcohol	0.761	0.799	-5.0	128	0.00
20 T	Methylene Chloride	0.510	0.434	14.9	120	0.00
21 T	Allyl Chloride	0.760	0.745	2.0	115	0.00
22 T	trans-1,2-Dichloroethene	0.541	0.515	4.8	117	0.00
23 T	Vinyl Acetate	1.711	1.678	1.9	113	0.00
24 T	1,1-Dichloroethane	1.300	1.169	10.1	111	0.00
25 T	Ethyl Acetate	2.231	1.925	13.7	107	0.00
26 T	Hexane	0.992	0.873	12.0	110	0.00
27 T	Carbon Disulfide	1.180	1.224	-3.7	115	0.00
28 T	Methyl tert-Butyl Ether	1.429	1.399	2.1	113	0.00
29 T	Chloroform	1.700	1.457	14.3	107	0.00
30 T	Cyclohexane	0.785	0.759	3.3	112	0.00
31 T	cis-1,2-Dichloroethene	0.986	0.916	7.1	108	0.00
32 T	1,1,1-Trichloroethane	1.619	1.497	7.5	109	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	124	0.00
34 T	2-Butanone	0.601	0.525	12.6	110	0.00
35 T	Carbon Tetrachloride	0.708	0.634	10.5	109	0.00
36 T	Benzene	0.839	0.746	11.1	112	0.00
37 T	1,2-Dichloroethane	0.562	0.454	19.2	105	0.00
38 T	Trichloroethene	0.316	0.302	4.4	113	0.00
39 T	1,2-Dichloropropane	0.329	0.287	12.8	111	0.00
40 T	1,4-Dioxane	0.117	0.110	6.0	117	0.00
41 T	Tetrahydrofuran	0.330	0.292	11.5	107	0.00
42 T	Bromodichloromethane	0.766	0.670	12.5	109	0.00
43	Methyl Methacrylate	0.341	0.309	9.4	110	0.00
44 T	2,2,4-Trimethylpentane	1.466	1.258	14.2	111	0.00
45 T	t-1,3-Dichloropropene	0.418	0.424	-1.4	108	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.488	0.467	4.3	108	0.00
47 T	1,1,2-Trichloroethane	0.373	0.319	14.5	110	0.00
48 T	Dibromochloromethane	0.630	0.580	7.9	108	0.00
49 T	Bromoform	0.601	0.528	12.1	81	0.00
50 T	4-Methyl-2-Pentanone	0.880	0.758	13.9	106	0.00
51 T	2-Hexanone	0.656	0.601	8.4	107	0.00
52 T	Tetrachloroethene	0.317	0.297	6.3	110	0.00
53 T	Toluene	0.975	0.904	7.3	110	0.00
54 T	1,2-Dibromoethane	0.584	0.509	12.8	108	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	127	0.00
56	1,1,1,2-Tetrachloroethane	0.458	0.364	20.5	107	0.00
57 T	Chlorobenzene	0.776	0.612	21.1	108	0.00
58 T	Ethyl Benzene	1.335	1.116	16.4	106	0.00
59 T	m/p-Xylene	1.193	0.948	20.5	96	0.00
60 T	o-Xylene	1.153	0.935	18.9	106	0.00
61 T	Styrene	0.792	0.695	12.2	106	0.00
62	Isopropylbenzene	1.633	1.328	18.7	106	0.00
63 T	1,1,2,2-Tetrachloroethane	0.849	0.652	23.2	107	0.00
64	n-propylbenzene	0.414	0.338	18.4	104	0.00
65	tert-Butylbenzene	1.439	1.197	16.8	109	0.00
66 T	Benzyl Chloride	0.669	0.677	-1.2	107	0.00
67	sec-Butylbenzene	2.047	1.683	17.8	107	0.00
68 S	1-Bromo-4-Fluorobenzene	0.784	0.724	7.7	119	0.00
69	p-Isopropyltoluene	1.667	1.413	15.2	107	0.00
70	n-Butylbenzene	1.766	1.456	17.6	105	0.00
71	2-Chlorotoluene	1.242	1.015	18.3	103	0.00
72 T	4-Ethyltoluene	1.297	1.096	15.5	107	0.00
73 T	1,3,5-Trimethylbenzene	1.241	1.057	14.8	109	0.00
74 T	1,2,4-Trimethylbenzene	1.330	1.095	17.7	108	0.00
75 T	1,3-Dichlorobenzene	0.822	0.654	20.4	109	0.00
76 T	1,4-Dichlorobenzene	0.801	0.652	18.6	107	0.00
77 T	1,2-Dichlorobenzene	0.780	0.643	17.6	108	0.00
78 T	Hexachloro-1,3-Butadiene	0.516	0.483	6.4	148	0.00
79 T	Naphthalene	1.138	1.080	5.1	106	0.00
80 T	Naphthalene,2-methyl-	0.382	0.515	-34.8#	114	0.00
81 T	1,2,4-Trichlorobenzene	0.631	0.564	10.6	108	0.00

(#) = Out of Range

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