

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL032719\
 Data File : VL033494.D
 Acq On : 28 Mar 2019 8:14
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 28 08:49:08 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	106	0.00
2 T	Dichlorodifluoromethane	1.458	1.291	11.5	112	0.00
3	Chlorodifluoromethane	1.151	1.122	2.5	112	0.00
4	Chloromethane	0.609	0.626	-2.8	115	0.00
5 T	Vinyl Chloride	0.599	0.618	-3.2	115	0.00
6 T	Bromomethane	0.385	0.402	-4.4	118	0.00
7	Chloroethane	0.223	0.230	-3.1	115	0.00
8 T	Dichlorotetrafluoroethane	1.554	1.501	3.4	112	0.00
9 T	Propene	0.483	0.524	-8.5	119	0.00
10 T	Heptane	1.292	1.373	-6.3	118	0.00
11 T	Trichlorofluoromethane	1.797	1.669	7.1	107	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.207	1.124	6.9	107	0.00
13	Ethanol	0.125	0.156	-24.8	131	0.00
14 T	Bromoethene	0.482	0.516	-7.1	117	0.00
15 T	Acetone	1.202	1.071	10.9	111	0.00
16 T	1,3-Butadiene	0.477	0.540	-13.2	110	0.00
17	tert-Butyl alcohol	0.221	0.242	-9.5	120	0.00
18 T	1,1-Dichloroethene	0.519	0.513	1.2	110	0.00
19 T	Isopropyl Alcohol	0.761	0.894	-17.5	131	0.00
20 T	Methylene Chloride	0.510	0.460	9.8	116	0.00
21 T	Allyl Chloride	0.760	0.780	-2.6	110	0.00
22 T	trans-1,2-Dichloroethene	0.541	0.541	0.0	112	0.00
23 T	Vinyl Acetate	1.711	1.925	-12.5	118	0.00
24 T	1,1-Dichloroethane	1.300	1.306	-0.5	114	0.00
25 T	Ethyl Acetate	2.231	2.309	-3.5	117	0.00
26 T	Hexane	0.992	1.046	-5.4	120	0.00
27 T	Carbon Disulfide	1.180	1.211	-2.6	104	0.00
28 T	Methyl tert-Butyl Ether	1.429	1.603	-12.2	118	0.00
29 T	Chloroform	1.700	1.751	-3.0	118	0.00
30 T	Cyclohexane	0.785	0.902	-14.9	122	0.00
31 T	cis-1,2-Dichloroethene	0.986	1.042	-5.7	112	0.00
32 T	1,1,1-Trichloroethane	1.619	1.669	-3.1	111	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	116	0.00
34 T	2-Butanone	0.601	0.576	4.2	114	0.00
35 T	Carbon Tetrachloride	0.708	0.664	6.2	107	0.00
36 T	Benzene	0.839	0.875	-4.3	123	0.00
37 T	1,2-Dichloroethane	0.562	0.498	11.4	109	0.00
38 T	Trichloroethene	0.316	0.353	-11.7	124	0.00
39 T	1,2-Dichloropropane	0.329	0.329	0.0	120	0.00
40 T	1,4-Dioxane	0.117	0.133	-13.7	133	0.00
41 T	Tetrahydrofuran	0.330	0.352	-6.7	122	0.00
42 T	Bromodichloromethane	0.766	0.727	5.1	111	0.00
43	Methyl Methacrylate	0.341	0.361	-5.9	121	0.00
44 T	2,2,4-Trimethylpentane	1.466	1.434	2.2	119	0.00
45 T	t-1,3-Dichloropropene	0.418	0.472	-12.9	113	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.488	0.538	-10.2	117	0.00
47 T	1,1,2-Trichloroethane	0.373	0.380	-1.9	124	0.00
48 T	Dibromochloromethane	0.630	0.647	-2.7	113	0.00
49 T	Bromoform	0.601	0.581	3.3	84	0.00
50 T	4-Methyl-2-Pentanone	0.880	0.879	0.1	116	0.00
51 T	2-Hexanone	0.656	0.697	-6.2	116	0.00
52 T	Tetrachloroethene	0.317	0.348	-9.8	122	0.00
53 T	Toluene	0.975	1.078	-10.6	123	0.00
54 T	1,2-Dibromoethane	0.584	0.603	-3.3	120	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
56	1,1,1,2-Tetrachloroethane	0.458	0.444	3.1	116	0.00
57 T	Chlorobenzene	0.776	0.783	-0.9	123	0.00
58 T	Ethyl Benzene	1.335	1.429	-7.0	121	0.00
59 T	m/p-Xylene	1.193	1.170	1.9	104	-0.03
60 T	o-Xylene	1.153	1.133	1.7	114	0.00
61 T	Styrene	0.792	0.894	-12.9	121	0.00
62	Isopropylbenzene	1.633	1.646	-0.8	116	0.00
63 T	1,1,2,2-Tetrachloroethane	0.849	0.777	8.5	112	0.00
64	n-propylbenzene	0.414	0.432	-4.3	117	0.00
65	tert-Butylbenzene	1.439	1.456	-1.2	117	0.00
66 T	Benzyl Chloride	0.669	0.759	-13.5	106	0.00
67	sec-Butylbenzene	2.047	2.046	0.0	115	0.00
68 S	1-Bromo-4-Fluorobenzene	0.784	0.731	6.8	106	0.00
69	p-Isopropyltoluene	1.667	1.707	-2.4	114	0.00
70	n-Butylbenzene	1.766	1.766	0.0	112	0.00
71	2-Chlorotoluene	1.242	1.250	-0.6	113	0.00
72 T	4-Ethyltoluene	1.297	1.365	-5.2	117	0.00
73 T	1,3,5-Trimethylbenzene	1.241	1.294	-4.3	117	0.00
74 T	1,2,4-Trimethylbenzene	1.330	1.322	0.6	115	0.00
75 T	1,3-Dichlorobenzene	0.822	0.793	3.5	117	0.00
76 T	1,4-Dichlorobenzene	0.801	0.795	0.7	116	0.00
77 T	1,2-Dichlorobenzene	0.780	0.773	0.9	115	0.00
78 T	Hexachloro-1,3-Butadiene	0.516	0.573	-11.0	155#	0.00
79 T	Naphthalene	1.138	1.357	-19.2	117	0.00
80 T	Naphthalene,2-methyl-	0.382	0.672	-75.9#	132	0.00
81 T	1,2,4-Trichlorobenzene	0.631	0.697	-10.5	119	0.00

(#) = Out of Range

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