

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032519\
 Data File : VL033462.D
 Acq On : 26 Mar 2019 8:04
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 27 02:22:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 05:43:39 2019
 QLast Update : Tue Mar 26 05:43:39 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	92	0.00
2 T	Dichlorodifluoromethane	1.458	1.486	-1.9	112	0.00
3	Chlorodifluoromethane	1.151	1.135	1.4	98	0.00
4	Chloromethane	0.609	0.592	2.8	94	0.00
5 T	Vinyl Chloride	0.599	0.602	-0.5	97	0.00
6 T	Bromomethane	0.385	0.385	0.0	98	0.00
7	Chloroethane	0.223	0.219	1.8	94	0.00
8 T	Dichlorotetrafluoroethane	1.554	1.531	1.5	99	0.00
9 T	Propene	0.483	0.481	0.4	95	0.00
10 T	Heptane	1.292	1.263	2.2	94	0.00
11 T	Trichlorofluoromethane	1.797	1.740	3.2	97	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.207	1.174	2.7	97	0.00
13	Ethanol	0.125	0.145	-16.0	105	0.00
14 T	Bromoethene	0.482	0.493	-2.3	97	0.00
15 T	Acetone	1.202	1.085	9.7	97	0.00
16 T	1,3-Butadiene	0.477	0.534	-11.9	94	0.00
17	tert-Butyl alcohol	0.221	0.224	-1.4	96	0.00
18 T	1,1-Dichloroethene	0.519	0.520	-0.2	97	0.00
19 T	Isopropyl Alcohol	0.761	0.857	-12.6	109	0.00
20 T	Methylene Chloride	0.510	0.453	11.2	99	0.00
21 T	Allyl Chloride	0.760	0.772	-1.6	94	0.00
22 T	trans-1,2-Dichloroethene	0.541	0.525	3.0	95	0.00
23 T	Vinyl Acetate	1.711	1.742	-1.8	93	0.00
24 T	1,1-Dichloroethane	1.300	1.230	5.4	93	0.00
25 T	Ethyl Acetate	2.231	2.134	4.3	94	0.00
26 T	Hexane	0.992	0.955	3.7	95	0.00
27 T	Carbon Disulfide	1.180	1.273	-7.9	94	0.00
28 T	Methyl tert-Butyl Ether	1.429	1.383	3.2	88	0.00
29 T	Chloroform	1.700	1.636	3.8	95	0.00
30 T	Cyclohexane	0.785	0.801	-2.0	94	0.00
31 T	cis-1,2-Dichloroethene	0.986	0.981	0.5	92	0.00
32 T	1,1,1-Trichloroethane	1.619	1.580	2.4	91	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
34 T	2-Butanone	0.601	0.595	1.0	93	0.00
35 T	Carbon Tetrachloride	0.708	0.734	-3.7	94	0.00
36 T	Benzene	0.839	0.841	-0.2	94	0.00
37 T	1,2-Dichloroethane	0.562	0.542	3.6	94	0.00
38 T	Trichloroethene	0.316	0.336	-6.3	94	0.00
39 T	1,2-Dichloropropane	0.329	0.318	3.3	92	0.00
40 T	1,4-Dioxane	0.117	0.127	-8.5	101	0.00
41 T	Tetrahydrofuran	0.330	0.341	-3.3	94	0.00
42 T	Bromodichloromethane	0.766	0.764	0.3	93	0.00
43	Methyl Methacrylate	0.341	0.348	-2.1	92	0.00
44 T	2,2,4-Trimethylpentane	1.466	1.439	1.8	94	0.00
45 T	t-1,3-Dichloropropene	0.418	0.728	-74.2#	138	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.488	0.530	-8.6	91	0.00
47 T	1,1,2-Trichloroethane	0.373	0.553	-48.3#	143	0.00
48 T	Dibromochloromethane	0.630	0.690	-9.5	96	0.00
49 T	Bromoform	0.601	0.638	-6.2	73	0.00
50 T	4-Methyl-2-Pentanone	0.880	0.890	-1.1	93	0.00
51 T	2-Hexanone	0.656	0.731	-11.4	97	0.00
52 T	Tetrachloroethene	0.317	0.342	-7.9	95	0.00
53 T	Toluene	0.975	1.060	-8.7	96	0.00
54 T	1,2-Dibromoethane	0.584	0.601	-2.9	95	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
56	1,1,1,2-Tetrachloroethane	0.458	0.428	6.6	98	0.00
57 T	Chlorobenzene	0.776	0.722	7.0	99	0.00
58 T	Ethyl Benzene	1.335	1.326	0.7	98	0.00
59 T	m/p-Xylene	1.193	1.123	5.9	88	-0.03
60 T	o-Xylene	1.153	1.114	3.4	98	0.00
61 T	Styrene	0.792	0.828	-4.5	98	0.00
62	Isopropylbenzene	1.633	1.551	5.0	96	0.00
63 T	1,1,2,2-Tetrachloroethane	0.849	0.777	8.5	98	0.00
64	n-propylbenzene	0.414	0.394	4.8	94	0.00
65	tert-Butylbenzene	1.439	1.400	2.7	98	0.00
66 T	Benzyl Chloride	0.669	0.757	-13.2	93	0.00
67	sec-Butylbenzene	2.047	1.986	3.0	98	0.00
68 S	1-Bromo-4-Fluorobenzene	0.784	0.737	6.0	94	0.00
69	p-Isopropyltoluene	1.667	1.659	0.5	97	0.00
70	n-Butylbenzene	1.766	1.759	0.4	98	0.00
71	2-Chlorotoluene	1.242	1.195	3.8	94	0.00
72 T	4-Ethyltoluene	1.297	1.287	0.8	97	0.00
73 T	1,3,5-Trimethylbenzene	1.241	1.239	0.2	99	0.00
74 T	1,2,4-Trimethylbenzene	1.330	1.292	2.9	99	0.00
75 T	1,3-Dichlorobenzene	0.822	0.766	6.8	99	0.00
76 T	1,4-Dichlorobenzene	0.801	0.762	4.9	97	0.00
77 T	1,2-Dichlorobenzene	0.780	0.749	4.0	97	0.00
78 T	Hexachloro-1,3-Butadiene	0.516	0.551	-6.8	130	0.00
79 T	Naphthalene	1.138	1.277	-12.2	97	0.00
80 T	Naphthalene,2-methyl-	0.382	0.603	-57.9#	103	0.00
81 T	1,2,4-Trichlorobenzene	0.631	0.641	-1.6	95	0.00

(#) = Out of Range

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