

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091719\
 Data File : VL034177.D
 Acq On : 17 Sep 2019 8:45
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091719

Quant Time: Sep 17 09:25:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Sep 17 08:36:07 2019
 QLast Update : Tue Sep 17 08:36:07 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	98	0.00
2 T	Dichlorodifluoromethane	1.477	1.169	20.9	94	0.00
3	Chlorodifluoromethane	1.173	1.074	8.4	96	0.00
4	Chloromethane	0.689	0.613	11.0	92	0.00
5 T	Vinyl Chloride	0.630	0.539	14.4	92	0.00
6 T	Bromomethane	0.294	0.273	7.1	95	0.00
7	Chloroethane	0.220	0.192	12.7	90	0.00
8 T	Dichlorotetrafluoroethane	1.304	1.120	14.1	93	0.00
9 T	Propene	0.578	0.522	9.7	93	0.00
10 T	Heptane	1.508	1.352	10.3	92	0.00
11 T	Trichlorofluoromethane	1.345	1.157	14.0	91	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.880	0.773	12.2	93	0.00
13	Ethanol	0.140	0.130	7.1	140	0.00
14 T	Bromoethene	0.360	0.339	5.8	94	0.00
15 T	Acetone	1.340	1.084	19.1	100	0.00
16 T	1,3-Butadiene	0.585	0.530	9.4	92	0.00
17	tert-Butyl alcohol	0.849	0.872	-2.7	106	0.00
18 T	1,1-Dichloroethene	0.384	0.353	8.1	92	0.00
19 T	Isopropyl Alcohol	0.824	0.826	-0.2	117	0.00
20 T	Methylene Chloride	0.386	0.321	16.8	94	0.00
21 T	Allyl Chloride	0.757	0.699	7.7	91	0.00
22 T	trans-1,2-Dichloroethene	0.384	0.354	7.8	92	0.00
23 T	Vinyl Acetate	1.975	1.845	6.6	96	0.00
24 T	1,1-Dichloroethane	1.330	1.157	13.0	92	0.00
25 T	Ethyl Acetate	2.534	2.107	16.9	91	0.00
26 T	Hexane	1.054	0.899	14.7	92	0.00
27 T	Carbon Disulfide	0.972	0.951	2.2	92	0.00
28 T	Methyl tert-Butyl Ether	1.566	1.408	10.1	92	0.00
29 T	Chloroform	1.507	1.337	11.3	92	0.00
30 T	Cyclohexane	0.761	0.694	8.8	92	0.00
31 T	cis-1,2-Dichloroethene	1.075	0.981	8.7	92	0.00
32 T	1,1,1-Trichloroethane	1.453	1.256	13.6	91	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
34 T	2-Butanone	1.021	0.877	14.1	92	0.00
35 T	Carbon Tetrachloride	0.831	0.711	14.4	90	0.00
36 T	Benzene	1.104	0.972	12.0	93	0.00
37 T	1,2-Dichloroethane	0.786	0.686	12.7	91	0.00
38 T	Trichloroethene	0.395	0.321	18.7	90	0.00
39 T	1,2-Dichloropropane	0.496	0.433	12.7	92	0.00
40 T	1,4-Dioxane	0.161	0.151	6.2	110	0.00
41 T	Tetrahydrofuran	0.575	0.524	8.9	92	0.00
42 T	Bromodichloromethane	0.943	0.854	9.4	92	0.00
43	Methyl Methacrylate	0.456	0.439	3.7	95	0.00
44 T	2,2,4-Trimethylpentane	2.126	1.784	16.1	93	0.00
45 T	t-1,3-Dichloropropene	0.539	0.539	0.0	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.649	0.625	3.7	90	0.00
47 T	1,1,2-Trichloroethane	0.446	0.391	12.3	93	0.00
48 T	Dibromochloromethane	0.706	0.650	7.9	92	0.00
49 T	Bromoform	0.572	0.540	5.6	91	0.00
50 T	4-Methyl-2-Pentanone	1.486	1.289	13.3	93	0.00
51 T	2-Hexanone	1.247	1.120	10.2	93	0.00
52 T	Tetrachloroethene	0.365	0.308	15.6	94	0.00
53 T	Toluene	1.207	1.080	10.5	93	0.00
54 T	1,2-Dibromoethane	0.663	0.605	8.7	95	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
56	1,1,1,2-Tetrachloroethane	0.446	0.392	12.1	92	0.00
57 T	Chlorobenzene	0.871	0.727	16.5	93	0.00
58 T	Ethyl Benzene	1.614	1.379	14.6	93	0.00
59 T	m/p-Xylene	1.336	1.115	16.5	93	0.00
60 T	o-Xylene	1.336	1.119	16.2	94	0.00
61 T	Styrene	0.957	0.844	11.8	92	0.00
62	Isopropylbenzene	1.730	1.454	16.0	95	0.00
63 T	1,1,2,2-Tetrachloroethane	1.096	0.824	24.8	94	0.00
64	n-propylbenzene	0.438	0.380	13.2	93	0.00
65	tert-Butylbenzene	1.512	1.239	18.1	95	0.00
66 T	Benzyl Chloride	0.535	0.633	-18.3	96	0.00
67	sec-Butylbenzene	2.161	1.792	17.1	95	0.00
68 S	1-Bromo-4-Fluorobenzene	0.869	0.835	3.9	94	0.00
69	p-Isopropyltoluene	1.750	1.471	15.9	95	0.00
70	n-Butylbenzene	2.038	1.695	16.8	96	0.00
71	2-Chlorotoluene	1.413	1.208	14.5	94	0.00
72 T	4-Ethyltoluene	1.510	1.289	14.6	93	0.00
73 T	1,3,5-Trimethylbenzene	1.459	1.239	15.1	94	0.00
74 T	1,2,4-Trimethylbenzene	1.549	1.238	20.1	94	0.00
75 T	1,3-Dichlorobenzene	0.831	0.686	17.4	95	0.00
76 T	1,4-Dichlorobenzene	0.851	0.704	17.3	94	0.00
77 T	1,2-Dichlorobenzene	0.841	0.691	17.8	95	0.00
78 T	Hexachloro-1,3-Butadiene	0.557	0.536	3.8	119	0.00
79 T	Naphthalene	1.363	1.296	4.9	107	0.00
80 T	Naphthalene,2-methyl-	0.634	0.555	12.5	83	0.00
81 T	1,2,4-Trichlorobenzene	0.755	0.631	16.4	96	0.00

(#) = Out of Range

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