

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071719\
 Data File : VL034046.D
 Acq On : 18 Jul 2019 10:38
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 18 12:18:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 02 19:31:31 2019
 QLast Update : Tue Jul 02 19:31:31 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	97	-0.01
2 T	Dichlorodifluoromethane	2.064	1.704	17.4	95	0.00
3	Chlorodifluoromethane	1.235	1.143	7.4	97	0.00
4	Chloromethane	0.710	0.575	19.0	87	0.00
5 T	Vinyl Chloride	0.798	0.653	18.2	90	0.00
6 T	Bromomethane	0.471	0.439	6.8	94	0.00
7	Chloroethane	0.285	0.261	8.4	93	0.00
8 T	Dichlorotetrafluoroethane	2.012	1.758	12.6	93	0.00
9 T	Propene	0.454	0.397	12.6	90	0.00
10 T	Heptane	1.137	1.138	-0.1	90	-0.02
11 T	Trichlorofluoromethane	2.321	1.853	20.2	89	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.642	1.358	17.3	92	0.00
13	Ethanol	0.141	0.142	-0.7	117	0.00
14 T	Bromoethene	0.613	0.556	9.3	89	0.00
15 T	Acetone	1.681	1.317	21.7	94	0.00
16 T	1,3-Butadiene	0.594	0.552	7.1	91	0.00
17	tert-Butyl alcohol	1.340	1.266	5.5	97	0.00
18 T	1,1-Dichloroethene	0.732	0.620	15.3	90	0.00
19 T	Isopropyl Alcohol	1.129	0.938	16.9	90	0.00
20 T	Methylene Chloride	0.733	0.526	28.2	88	0.00
21 T	Allyl Chloride	1.048	0.905	13.6	90	0.00
22 T	trans-1,2-Dichloroethene	0.697	0.610	12.5	87	0.00
23 T	Vinyl Acetate	1.678	1.607	4.2	87	0.00
24 T	1,1-Dichloroethane	1.487	1.331	10.5	91	0.00
25 T	Ethyl Acetate	2.300	2.116	8.0	90	-0.01
26 T	Hexane	1.052	1.000	4.9	93	0.00
27 T	Carbon Disulfide	1.789	1.581	11.6	89	0.00
28 T	Methyl tert-Butyl Ether	1.782	1.712	3.9	89	-0.01
29 T	Chloroform	1.978	1.731	12.5	92	0.00
30 T	Cyclohexane	0.813	0.833	-2.5	93	-0.01
31 T	cis-1,2-Dichloroethene	1.017	0.986	3.0	87	-0.01
32 T	1,1,1-Trichloroethane	2.004	1.741	13.1	91	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	-0.01
34 T	2-Butanone	0.529	0.503	4.9	90	0.00
35 T	Carbon Tetrachloride	0.792	0.713	10.0	90	-0.01
36 T	Benzene	0.782	0.778	0.5	90	-0.01
37 T	1,2-Dichloroethane	0.576	0.518	10.1	88	0.00
38 T	Trichloroethene	0.348	0.335	3.7	88	-0.01
39 T	1,2-Dichloropropane	0.291	0.284	2.4	91	0.00
40 T	1,4-Dioxane	0.134	0.122	9.0	89	-0.01
41 T	Tetrahydrofuran	0.260	0.271	-4.2	91	0.00
42 T	Bromodichloromethane	0.773	0.736	4.8	91	-0.01
43	Methyl Methacrylate	0.297	0.314	-5.7	91	0.00
44 T	2,2,4-Trimethylpentane	1.351	1.336	1.1	92	0.00
45 T	t-1,3-Dichloropropene	0.388	0.530	-36.6#	108	-0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.450	0.461	-2.4	84	-0.01
47 T	1,1,2-Trichloroethane	0.366	0.305	16.7	81	-0.01
48 T	Dibromochloromethane	0.698	0.575	17.6	81	0.00
49 T	Bromoform	0.596	0.523	12.2	81	-0.01
50 T	4-Methyl-2-Pentanone	0.785	0.777	1.0	90	-0.01
51 T	2-Hexanone	0.633	0.569	10.1	81	0.00
52 T	Tetrachloroethene	0.337	0.284	15.7	78	0.00
53 T	Toluene	0.896	0.857	4.4	81	0.00
54 T	1,2-Dibromoethane	0.540	0.479	11.3	81	-0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	87	-0.01
56	1,1,1,2-Tetrachloroethane	0.447	0.419	6.3	84	-0.02
57 T	Chlorobenzene	0.796	0.714	10.3	82	-0.01
58 T	Ethyl Benzene	1.203	1.271	-5.7	83	0.00
59 T	m/p-Xylene	1.089	1.073	1.5	84	-0.02
60 T	o-Xylene	1.089	1.060	2.7	83	-0.01
61 T	Styrene	0.721	0.745	-3.3	78	0.00
62	Isopropylbenzene	1.675	1.436	14.3	63	0.00
63 T	1,1,2,2-Tetrachloroethane	0.843	0.734	12.9	82	-0.02
64	n-propylbenzene	0.434	0.376	13.4	63	0.00
65	tert-Butylbenzene	1.424	1.358	4.6	66	0.00
66 T	Benzyl Chloride	0.729	0.581	20.3	50	-0.01
67	sec-Butylbenzene	1.999	1.907	4.6	67	0.00
68 S	1-Bromo-4-Fluorobenzene	0.853	0.769	9.8	67	-0.01
69	p-Isopropyltoluene	1.648	1.568	4.9	66	-0.01
70	n-Butylbenzene	1.731	1.621	6.4	66	0.00
71	2-Chlorotoluene	1.225	1.113	9.1	64	-0.01
72 T	4-Ethyltoluene	1.399	1.254	10.4	64	-0.02
73 T	1,3,5-Trimethylbenzene	1.302	1.221	6.2	63	0.00
74 T	1,2,4-Trimethylbenzene	1.442	1.279	11.3	63	-0.02
75 T	1,3-Dichlorobenzene	0.916	0.742	19.0	62	-0.01
76 T	1,4-Dichlorobenzene	0.862	0.716	16.9	61	-0.02
77 T	1,2-Dichlorobenzene	0.848	0.704	17.0	62	0.00
78 T	Hexachloro-1,3-Butadiene	0.722	0.582	19.4	69	0.00
79 T	Naphthalene	1.212	0.988	18.5	55	-0.02
80 T	Naphthalene,2-methyl-	0.441	0.265	39.9#	43	0.00
81 T	1,2,4-Trichlorobenzene	0.778	0.591	24.0	55	-0.02

(#) = Out of Range

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