

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL042821\
 Data File : VL036894.D
 Acq On : 29 Apr 2021 8:39
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 29 09:31:51 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 27 16:56:35 2021
 QLast Update : Tue Apr 27 16:56:35 2021
 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	0.02
2 T	Dichlorodifluoromethane	1.575	1.265	19.7	82	0.01
3	Chlorodifluoromethane	1.822	1.658	9.0	97	0.02
4	Chloromethane	0.599	0.542	9.5	92	0.01
5 T	Vinyl Chloride	0.604	0.527	12.7	92	0.02
6 T	Bromomethane	0.325	0.276	15.1	86	0.02
7	Chloroethane	0.198	0.182	8.1	94	0.02
8 T	Dichlorotetrafluoroethane	1.436	1.272	11.4	93	0.01
9 T	Propene	0.555	0.477	14.1	85	0.02
10 T	Heptane	1.396	1.288	7.7	88	0.03
11 T	Trichlorofluoromethane	1.406	1.255	10.7	92	0.02
12 T	1,1,2-Trichlorotrifluoroeth	0.941	0.806	14.3	87	0.02
13	Ethanol	0.071	0.046#	35.2#	81	0.01
14 T	Bromoethene	0.384	0.329	14.3	86	0.02
15 T	Acetone	0.943	0.808	14.3	104	0.02
16 T	1,3-Butadiene	0.603	0.555	8.0	94	0.02
17	tert-Butyl alcohol	0.765	0.704	8.0	90	0.01
18 T	1,1-Dichloroethene	0.409	0.356	13.0	91	0.02
19 T	Isopropyl Alcohol	0.467	0.409	12.4	96	0.02
20 T	Methylene Chloride	0.451	0.319	29.3	93	0.02
21 T	Allyl Chloride	0.700	0.541	22.7	80	0.02
22 T	trans-1,2-Dichloroethene	0.410	0.350	14.6	85	0.02
23 T	Vinyl Acetate	1.282	1.260	1.7	90	0.02
24 T	1,1-Dichloroethane	0.910	0.982	-7.9	117	0.02
25 T	Ethyl Acetate	2.302	1.923	16.5	87	0.02
26 T	Hexane	1.077	0.932	13.5	94	0.02
27 T	Carbon Disulfide	0.936	0.889	5.0	86	0.02
28 T	Methyl tert-Butyl Ether	0.955	0.954	0.1	100	0.02
29 T	Chloroform	1.679	1.523	9.3	93	0.02
30 T	Cyclohexane	0.854	0.783	8.3	91	0.02
31 T	cis-1,2-Dichloroethene	0.967	0.879	9.1	89	0.02
32 T	1,1,1-Trichloroethane	1.708	1.507	11.8	92	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.03
34 T	2-Butanone	0.438	0.363	17.1	82	0.02
35 T	Carbon Tetrachloride	0.679	0.648	4.6	94	0.03
36 T	Benzene	0.843	0.778	7.7	90	0.02
37 T	1,2-Dichloroethane	0.477	0.450	5.7	91	0.02
38 T	Trichloroethene	0.300	0.285	5.0	89	0.02
39 T	1,2-Dichloropropane	0.338	0.304	10.1	90	0.03
40 T	1,4-Dioxane	0.082	0.075	8.5	93	0.03
41 T	Tetrahydrofuran	0.192	0.150	21.9	71	0.03
42 T	Bromodichloromethane	0.663	0.654	1.4	95	0.03
43	Methyl Methacrylate	0.275	0.278	-1.1	89	0.02
44 T	2,2,4-Trimethylpentane	1.444	1.336	7.5	92	0.02
45 T	t-1,3-Dichloropropene	0.296	0.203	31.4#	55	0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.380	0.277	27.1	62	0.03
47 T	1,1,2-Trichloroethane	0.349	0.325	6.9	92	0.02
48 T	Dibromochloromethane	0.518	0.537	-3.7	93	0.03
49 T	Bromoform	0.413	0.451	-9.2	94	0.03
50 T	4-Methyl-2-Pentanone	0.599	0.547	8.7	82	0.03
51 T	2-Hexanone	0.299	0.285	4.7	78	0.03
52 T	Tetrachloroethene	0.287	0.265	7.7	88	0.03
53 T	Toluene	0.882	0.879	0.3	91	0.03
54 T	1,2-Dibromoethane	0.493	0.460	6.7	91	0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.03
56	1,1,1,2-Tetrachloroethane	0.419	0.419	0.0	97	0.03
57 T	Chlorobenzene	0.779	0.737	5.4	93	0.03
58 T	Ethyl Benzene	1.268	1.310	-3.3	91	0.03
59 T	m/p-Xylene	1.134	1.134	0.0	94	0.02
60 T	o-Xylene	1.096	1.089	0.6	95	0.02
61 T	Styrene	0.515	0.562	-9.1	84	0.03
62	Isopropylbenzene	1.491	1.470	1.4	95	0.03
63 T	1,1,2,2-Tetrachloroethane	0.879	0.829	5.7	99	0.02
64	n-propylbenzene	0.372	0.384	-3.2	94	0.03
65	tert-Butylbenzene	1.319	1.294	1.9	94	0.03
66 T	Benzyl Chloride	0.129	0.101	21.7	66	0.02
67	sec-Butylbenzene	1.831	1.828	0.2	95	0.03
68 S	1-Bromo-4-Fluorobenzene	0.803	0.878	-9.3	99	0.03
69	p-Isopropyltoluene	1.468	1.480	-0.8	92	0.02
70	n-Butylbenzene	1.480	1.560	-5.4	95	0.03
71	2-Chlorotoluene	1.105	1.137	-2.9	94	0.02
72 T	4-Ethyltoluene	1.177	1.224	-4.0	89	0.03
73 T	1,3,5-Trimethylbenzene	1.141	1.124	1.5	90	0.03
74 T	1,2,4-Trimethylbenzene	1.212	1.185	2.2	92	0.03
75 T	1,3-Dichlorobenzene	0.716	0.711	0.7	95	0.03
76 T	1,4-Dichlorobenzene	0.701	0.680	3.0	94	0.02
77 T	1,2-Dichlorobenzene	0.700	0.688	1.7	96	0.03
78 T	Hexachloro-1,3-Butadiene	0.595	0.528	11.3	94	0.02
79 T	Naphthalene	0.679	0.787	-15.9	86	0.03
80 T	Naphthalene,2-methyl-	0.075	0.121	-61.3#	94	0.02
81 T	1,2,4-Trichlorobenzene	0.439	0.491	-11.8	97	0.04

(#) = Out of Range

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