

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033022\
 Data File : VL038794.D
 Acq On : 30 Mar 2022 12:18
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 31 04:08:35 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 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	89	0.00
2 T	Dichlorodifluoromethane	1.344	1.095	18.5	84	0.00
3	Chlorodifluoromethane	1.056	1.062	-0.6	96	0.00
4	Chloromethane	0.580	0.583	-0.5	94	0.00
5 T	Vinyl Chloride	0.589	0.582	1.2	98	0.00
6 T	Bromomethane	0.314	0.339	-8.0	100	0.00
7	Chloroethane	0.195	0.203	-4.1	96	0.00
8 T	Dichlorotetrafluoroethane	1.342	1.392	-3.7	98	0.00
9 T	Propene	0.510	0.497	2.5	93	0.00
10 T	Heptane	1.219	1.257	-3.1	90	0.00
11 T	Trichlorofluoromethane	1.186	1.320	-11.3	102	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.913	1.046	-14.6	104	0.00
13	Ethanol	0.056	0.046#	17.9	97	0.00
14 T	Bromoethene	0.406	0.455	-12.1	104	0.00
15 T	Acetone	0.863	0.900	-4.3	101	0.00
16 T	1,3-Butadiene	0.490	0.503	-2.7	95	0.00
17	tert-Butyl alcohol	0.754	1.006	-33.4#	119	0.00
18 T	1,1-Dichloroethene	0.410	0.471	-14.9	106	0.00
19 T	Isopropyl Alcohol	0.478	0.529	-10.7	100	0.00
20 T	Methylene Chloride	0.363	0.398	-9.6	108	0.00
21 T	Allyl Chloride	0.621	0.732	-17.9	106	0.00
22 T	trans-1,2-Dichloroethene	0.426	0.518	-21.6	107	0.00
23 T	Vinyl Acetate	0.836	1.065	-27.4	108	0.00
24 T	1,1-Dichloroethane	0.823	0.943	-14.6	103	0.00
25 T	Ethyl Acetate	2.172	2.231	-2.7	93	0.00
26 T	Hexane	0.972	0.990	-1.9	94	0.00
27 T	Carbon Disulfide	0.954	1.220	-27.9	106	0.00
28 T	Methyl tert-Butyl Ether	0.724	0.887	-22.5	110	0.00
29 T	Chloroform	1.557	1.611	-3.5	96	0.00
30 T	Cyclohexane	0.846	0.870	-2.8	94	0.00
31 T	cis-1,2-Dichloroethene	0.914	0.923	-1.0	90	0.00
32 T	1,1,1-Trichloroethane	1.503	1.621	-7.9	100	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
34 T	2-Butanone	0.396	0.402	-1.5	102	0.00
35 T	Carbon Tetrachloride	0.580	0.632	-9.0	100	0.00
36 T	Benzene	0.772	0.794	-2.8	94	0.00
37 T	1,2-Dichloroethane	0.393	0.416	-5.9	98	0.00
38 T	Trichloroethene	0.323	0.349	-8.0	98	0.00
39 T	1,2-Dichloropropane	0.302	0.303	-0.3	93	0.00
40 T	1,4-Dioxane	0.105	0.076	27.6	64	0.00
41 T	Tetrahydrofuran	0.295	0.300	-1.7	91	0.00
42 T	Bromodichloromethane	0.589	0.644	-9.3	97	-0.01
43	Methyl Methacrylate	0.287	0.317	-10.5	93	0.00
44 T	2,2,4-Trimethylpentane	1.296	1.278	1.4	92	0.00
45 T	t-1,3-Dichloropropene	0.291	0.368	-26.5	99	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.394	0.458	-16.2	95	0.00
47 T	1,1,2-Trichloroethane	0.322	0.329	-2.2	95	0.00
48 T	Dibromochloromethane	0.505	0.575	-13.9	96	0.00
49 T	Bromoform	0.411	0.474	-15.3	95	0.00
50 T	4-Methyl-2-Pentanone	0.736	0.767	-4.2	90	0.00
51 T	2-Hexanone	0.529	0.589	-11.3	89	0.00
52 T	Tetrachloroethene	0.282	0.294	-4.3	97	0.00
53 T	Toluene	0.829	0.910	-9.8	95	0.00
54 T	1,2-Dibromoethane	0.440	0.489	-11.1	96	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	89	-0.01
56	1,1,1,2-Tetrachloroethane	0.415	0.437	-5.3	98	0.00
57 T	Chlorobenzene	0.721	0.733	-1.7	95	0.00
58 T	Ethyl Benzene	1.169	1.288	-10.2	95	0.00
59 T	m/p-Xylene	1.023	1.082	-5.8	95	0.00
60 T	o-Xylene	0.971	1.028	-5.9	94	0.00
61 T	Styrene	0.527	0.620	-17.6	92	0.00
62	Isopropylbenzene	1.460	1.510	-3.4	93	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.752	0.670	10.9	89	0.00
64	n-propylbenzene	0.383	0.399	-4.2	91	0.00
65	tert-Butylbenzene	1.312	1.341	-2.2	93	0.00
66 T	Benzyl Chloride	0.248	0.345	-39.1#	99	0.00
67	sec-Butylbenzene	1.876	1.908	-1.7	92	0.00
68 S	1-Bromo-4-Fluorobenzene	0.767	0.755	1.6	84	-0.01
69	p-Isopropyltoluene	1.531	1.602	-4.6	93	0.00
70	n-Butylbenzene	1.579	1.669	-5.7	92	0.00
71	2-Chlorotoluene	1.083	1.099	-1.5	90	0.00
72 T	4-Ethyltoluene	1.146	1.270	-10.8	95	0.00
73 T	1,3,5-Trimethylbenzene	1.044	1.106	-5.9	93	-0.01
74 T	1,2,4-Trimethylbenzene	1.138	1.179	-3.6	94	0.00
75 T	1,3-Dichlorobenzene	0.725	0.738	-1.8	93	0.00
76 T	1,4-Dichlorobenzene	0.721	0.721	0.0	90	0.00
77 T	1,2-Dichlorobenzene	0.718	0.720	-0.3	92	0.00
78 T	Hexachloro-1,3-Butadiene	0.663	0.616	7.1	97	0.00
79 T	Naphthalene	0.869	1.138	-31.0#	96	-0.01
80 T	Naphthalene,2-methyl-	0.233	0.268	-15.0	84	0.00
81 T	1,2,4-Trichlorobenzene	0.595	0.666	-11.9	97	-0.01

(#) = Out of Range

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